

## EDB Summer Internship 2023 Project List

No.	Division	Project Title	Project Description	Requirements (if any)
1	Office for Space Technology & Industry, Singapore (OSTIn)	Off-world Governance and Space Traffic Management	<p>Opportunities in space are growing fast. Singapore is exploring many exciting new frontiers in space technology, industry and policy by studying best practices and developments around the world.</p> <p>For this project, we will study the norms and regulatory aspects of off-world governance (including space debris, the exploration, exploitation and utilisation of space resources, on-orbit, servicing, manufacturing and assembly) and space traffic management. You will help shape Singapore's position on these vital aspects of space.</p> <p>As our intern, you will focus on off-world governance and space traffic management to:</p> <ol style="list-style-type: none"> <li>Identify key drivers, policy issues and debates</li> <li>Map out selected countries' policy positions and key developments</li> <li>Make an assessment of Singapore's potential role and recommend how Singapore should position itself</li> </ol> <p>During your internship, you have opportunities to learn more about Singapore's space ecosystem and engage with space technology, industry and policy work. You may also get to meet a diverse group of internal (e.g. OSTIn, foreign space agencies) and external (e.g. academics, researchers, space companies) stakeholders during your internship.</p>	Nil
2	Office for Space Technology & Industry, Singapore (OSTIn)	Commercial Opportunities of Very-Low-Earth-Orbit (VLEO) Satellites	<p>Opportunities in space are growing fast. Singapore is exploring many exciting new frontiers in space technology, industry and policy by studying best practices, use cases and developments around the world.</p> <p>For this project, we will study the market landscape for the cutting edge technology of Very-Low-Earth-Orbit (VLEO) satellites and operations, and recommend the commercial opportunities for VLEO. You will help strengthen the business case for VLEO and identify potential challenges.</p> <p>As our intern, you will:</p> <ol style="list-style-type: none"> <li>Have the opportunity to work on Singapore's flagship space project VLEO</li> <li>Conduct benchmarking studies on past and future VLEO projects, and study commercialisation plans</li> <li>Develop a SWOT analysis of Singapore's VLEO project</li> <li>Help with developing a commercialisation plan and research roadmap for VLEO</li> </ol> <p>During your internship, you will have opportunities to learn more about Singapore's space ecosystem and engage with space technology, industry and policy work. You may also get to meet a diverse group of internal (e.g. OSTIn, other government agencies) and external (e.g. academics, researchers, space companies) stakeholders during your internship.</p>	Nil
3	Office for Space Technology & Industry, Singapore (OSTIn)	Enhancing Singapore as a Green Hub through Space Data	<p>Opportunities in space are growing fast. Singapore is exploring many exciting new frontiers in space technology, industry and policy by studying best practices, use cases and developments around the world.</p> <p>For this project, we will study the market landscape of carbon accreditation, utilising space data from satellites, and recommend the commercialisation opportunities available. You will help advance Singapore's national agenda on sustainable development and shape our future as a potential green hub.</p> <p>As our intern, you will:</p> <ol style="list-style-type: none"> <li>Understand existing opportunities and challenges of carbon measurement, reporting and verification (MRV) through space data</li> <li>Map out selected countries' policy positions and key developments on carbon MRV</li> <li>Make an assessment of Singapore's potential role and recommend how Singapore should position as a potential green hub</li> </ol> <p>During your internship, you have opportunities to learn more about Singapore's space ecosystem and engage with space technology, industry and policy work. You may also get to meet a diverse group of internal (e.g. OSTIn, other government agencies) and external (e.g. academics, researchers, space companies) stakeholders during your internship.</p>	Nil

4	Corporate Planning and Analytics (CP&A)	Review of corporate management practices – Data strategy	<p>EDB's corporate management and client engagement practices increasingly leverage data analytics and science techniques. For example, the segmentation and engagement of customers can include predictions of the customers' investment potential. The use of more data analytics requires a levelling of capabilities across client engagement teams for them to be able to understand and interpret the data/findings.</p> <p>As our intern, you will be involved in a few related projects:</p> <ul style="list-style-type: none"> <li>a) Review EDB's corporate management practices to address changing client engagement practices and incorporate the use of data analytics/science</li> <li>b) Propose initiatives and create content to improve data literacy and capabilities within EDB to support the increased use of data analytics/science</li> <li>c) Formalize and trial a process to help data owners/stewards achieve good quality data</li> <li>d) Research and compare performance measurement practices with similar organizations</li> </ul> <p>Through this internship, you will have the opportunity to participate in a data science or dashboarding project. Depending on the period of joining, you will also be able to partake in and contribute to EDB's central management mid-year workplan review exercise.</p>	Comfortable working with, using and manipulating data. Tableau, Excel (e.g. VLOOKUP, pivot tables) and programming skills (e.g. python) will be required.
5	New Ventures	The Next Big Thing	<p>Companies globally are getting disrupted by technology and shifts in business models. There is an urgent need for them to be developing new revenue streams and new businesses. At EDB New Ventures, we identify opportunities for new venture creation in Singapore and enables such opportunities through joint ideation and incubation, and selective co-investments with strategic corporate partners, with the aim of creating new ventures anchored in Singapore.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Perform a detailed analysis of 1-2 emerging investment areas</li> <li>b) Evaluate and provide recommendations on ways to realise the opportunities in these investments areas</li> <li>c) Support sourcing and origination of such opportunities</li> </ul> <p>During your internship, you will experience how the team scouts and identifies investment opportunities, speak to team members within the Venture Capital group about how they drive the end-to-end process from origination, due diligence, structuring, investment closing and working with founders on value creation post-investment.</p>	The candidate must have an interest in venture investments, be comfortable with data collection and analysis, proficient in excel and simple coding languages (preferred).
6	Human Capital (Growth)	Enhancing opportunities for Singaporeans to enter the manufacturing workforce	<p>Manufacturing is a key growth engine for the Singapore economy. In 2021, the Ministry of Trade and Industry announced a 10-year plan for Singapore manufacturing to grow 50% by 2030. There will be new and exciting jobs for Singaporeans within this sector.</p> <p>As our intern, you will support the team in their efforts to expand the pipeline and enhance the quality of local talent going into the manufacturing workforce, particular for the polytechnic and ITE cohorts.</p> <p>This will include:</p> <ul style="list-style-type: none"> <li>a) Conducting a stocktake of engineering courses in Institutes of Higher Learning (IHLs)</li> <li>b) Working with companies to improve the quantity and quality of internships</li> <li>c) Increasing awareness and take-up of work-study programs</li> </ul> <p>During your internship, you will have the opportunity to engage and interact with diverse groups of internal stakeholders (e.g. across multiple teams in EDB), and external stakeholders (e.g. business chambers, other government agencies).</p>	Nil
7	Human Capital (Foreign Workforce)	Global competitiveness of Singapore's foreign workforce policies	<p>To stay ahead, Singapore continually refreshes its foreign workforce strategy to stay competitive and to ensure that it meets our future economic development needs. A carefully calibrated strategy is increasingly important given our demographic and societal challenges.</p> <p>As our intern, you will conduct an assessment of Singapore's global talent competitiveness by:</p> <ul style="list-style-type: none"> <li>a) Doing a comparison of Singapore's foreign manpower policies against other key global competitors</li> <li>b) Conducting risk assessment to Singapore's ability to attract top talent</li> <li>c) Provide recommendations on how EDB could respond, and/or develop new products to mitigate such risks</li> </ul> <p>During your internship, you will have the opportunity to work closely with diverse groups of internal stakeholders (e.g. international operations and account management teams), as well as key government agencies in the economic sector such as MTI and MOM.</p>	Nil

8	Brand, Marketing and Communications (Content Marketing)	Maximising impact through B2B storytelling	<p>The content marketing team develops and distributes content assets that provide crucial information to the international business community about Singapore as a business destination. Objectives of our efforts range from creating awareness and generating leads, to correcting perceptions and nurturing leads. Our formats are wide-ranging, including articles, videos, podcasts and white papers.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Research on best practices of B2B storytelling, including new formats or technologies that can enable us to engage our audience better, or gaps in our current repertoire of stories.</li> <li>b) Analyse gaps in how we amplify our stories, and explore new platforms/channels to amplify EDB's content to a business audience (for investment promotion or talent attraction).</li> <li>c) Competitive analysis: a look at what our competitors are doing in terms of content, and the platforms they are on.</li> <li>e) Offering recommendations, including vendors we can tap, that will add clear value to the team's objectives.</li> </ul> <p>During the internship, you will be able to acquire an understanding of the role content/digital marketing plays in helping EDB achieve its investment promotion objectives. You would also gain an appreciation of the latest in marketing in terms of story-telling and amplification channels, including social platforms. Stakeholders you will work with include other Brand, Marketing and Communications (BMC) divisions, marketing platforms including content management, social media vendors and publishers.</p>	Nil
9	Brand, Marketing and Communications (Corporate Marketing)	Client Engagement Programme: Partnerships in Singapore	<p>The corporate marketing team's client engagement programme seeks to build loyalty amongst EDB's key clients, mainly focused on those who are based in Singapore. The team does this through sending of personalised letters from our Managing Director's account to clients, bespoke events and closed-door engagement sessions, amongst other efforts. While we have mainly been driving our efforts through owned channels, the events and content marketing landscape has been growing increasingly crowded in Singapore.</p> <p>This presents an opportunity for EDB to deliver delightful experiences for our clients by strategically leveraging partnerships with other brands, who are running their own efforts. This could include extending complementary invites to existing events and getting permission to share useful insights about Southeast Asia with our clients etc.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Identify relevant partners whose client segments are similar to ours</li> <li>b) Map out the relevant channels, events and platforms in 2H 2023 in Singapore</li> <li>c) Reach out to some brands, alongside RO, to explore potential collaboration opportunities</li> <li>d) Recommend partnership strategy for collaborations, focused on client engagement in Singapore for Q3 2023 – Q2 2024.</li> </ul> <p>During the internship, you will get exposed to how EDB engages its key clients (from key accounts) and what the needs of senior business leaders are. You will also get a strong understanding of the marketing landscape in Singapore, specifically arounds events and content marketing. You will also be able to engage a wide range of EDB officers within the Brand, Marketing and Communications (BMC) and Accounts Group (AG) functions.</p>	Major in business or communications is preferred but not mandatory.
10	Brand, Marketing and Communications (Markets - US)	Marketing Singapore in the US	<p>EDB's US marketing team has two objectives:</p> <ol style="list-style-type: none"> <li>1. Raise awareness of Singapore as an international expansion location for US businesses</li> <li>2. Translate this awareness into leads, i.e. companies with tangible interest in expanding to Singapore.</li> </ol> <p>We do this through paid media campaigns, events, partnerships with US-based associations and service providers, and other channels. We know there's a lot more to learn and do in the US - which is where you come in.</p> <p>As our intern, you will spend your first week understanding the US marketing team's objectives, strategies, and tactics. You will then:</p> <ul style="list-style-type: none"> <li>a) Identify at least one US marketing trend that is new to us but relevant to our work. This could include new formats (such as augmented reality), new channels (such as niche trade events), or even the changing preferences of US business leaders.</li> <li>b) Analyze this trend through both primary and desktop research</li> <li>c) Come up with recommendations that the US marketing team can immediately put into action</li> </ul> <p>You will also support the US marketing team in some of our operational work, such as media campaigns and event sponsorships.</p> <p>During your internship, you may have the opportunity to meet and work with other teams in EDB; other government agencies with US marketing interests; and US-based marketing partners. You may also be able to engage EDB's customers in guided face-to-face meetings.</p>	<p>A business degree with a major in marketing (or similar) is preferred, but not mandatory.</p> <p>This internship may require you to occasionally take calls in the early morning or evening.</p>

11	Brand, Marketing and Communications (International Marketing - Europe)	What foreign direct investment and marketing opportunities are there for Singapore in the Food, Health and Nutrition related sectors in Europe?	<p>EDB's Europe Marketing division is one of the most active marketing teams in the Singapore government, running over 50 diverse events, partnerships, content pieces and business matching platforms annually across the European continent. The team supports Singapore's presence at top business events like World Economic Forum annual meetings, London Tech Week, St Gallen Symposium, Hannover Messe.</p> <p>We've been running integrated marketing campaigns in existing sectors like advanced manufacturing and tech. We see new marketing opportunities for Singapore in the food, health and nutrition (FHN) sectors in Europe.</p> <p>As our intern, we will be working closely with you to:</p> <ul style="list-style-type: none"> <li>a) Determine the investment potential of the FHN sectors (addressable market, company target profile, qualitative analysis)</li> <li>b) Identify promising sub sectors in FHN that Singapore should focus on</li> <li>c) Assess the readiness of the marketing funnel in engaging these new FHN prospects (existing value propositions and partners in Singapore for FHN, relevant marketing channels in Europe and locally)</li> </ul> <p>You will also support the Europe marketing team in some of our operational work, such as media campaigns and event sponsorships.</p> <p>During your internship, you may have the opportunity to meet and work with other teams in EDB; other government agencies with Europe marketing interests; and Europe-based marketing partners. You may also be able to engage EDB's customers in guided face-to-face meetings. At the end of the internship, you should gain new competencies in integrated marketing strategy, market research &amp; analysis as well as client engagement.</p>	Interest in market research, analysis and marketing strategy.
12	Brand, Marketing and Communications (Digital Marketing)	Revamp of EDB's Website	<p>The EDB website, typically described as our "shopfront", often informs the customer's first impression of Singapore and EDB. We highlight business opportunities, and communicate key EDB corporate messages, priorities, initiatives and product offerings through the EDB website. It plays a key role in converting leads, and moving them down the marketing funnel. This year, you will have the opportunity to enhance EDB's website as we embark on our website revamp project.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct competitors' analysis and research on how other investment promotion agencies present their industry information.</li> <li>b) Recommend how best to structure EDB's industry webpages.</li> <li>c) Work with other EDB business units and conduct desktop research to put together latest industry information and company case studies that are required to build up the Industry webpages.</li> <li>d) Other scope of work may include optimising website conversion with content refresh, search engine optimisation, website tools/products performance and maintenance, website testing, etc</li> </ul> <p>Besides getting first-hand experience in revamping a website, you will also learn about how our digital ecosystem aka website and other digital channels work hand-in-hand to achieve EDB's marketing objectives.</p>	Major in marketing (or similar) is preferred but not mandatory.
13	Brand, Marketing and Communications (Corporate Communications)	Social Media Monitoring: Best Practices	<p>The Brand, Marketing and Communications (BMC) division has existing contracts with social media vendors who provide us with a daily analysis of trending issues related EDB and our focus areas on social media platforms as well as the sentiments of netizens. We would like to review how we can gather better data points from social media listening to help support our work in terms of addressing brewing sentiments or tailoring the communications approaches for different audiences.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct research on industry best practices and use cases of social media monitoring/social listening</li> <li>b) Scope out our next contract for social media monitoring with specific deliverables</li> <li>c) Identify the best vendor that fits our requirements</li> </ul> <p>During the internship, the officer will have a chance to work with both the social media and the communications teams to devise strategies to engage on social media platforms.</p>	Business/Communications background, if possible (but this is not critical).

14	Brand, Marketing and Communications (Corporate Communications)	International PR: Singapore's positioning in overseas trade media	<p>The Brand, Marketing and Communications (BMC) division has been opportunistically pursuing media opportunities on international trade publications thus far. In the coming year, we would like to have a proactive strategy for pursuing earned media opportunities with a few top trade media.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct research on how top-tier international trade publications report on Singapore/other countries vs focusing on company/industry news.</li> <li>b) Analyse data, assessing frequency of articles, slant/focus adopted, and the types of data and third-party voices featured.</li> <li>c) Provide a recommendation on how we can approach earned media opportunities in trade publications to feature Singapore/EDB specific industries</li> <li>d) Shortlist 2-3 publications for each international market that we can focus on</li> </ul> <p>Through the project, the intern will have the opportunity to work with the international marketing team and glean insights on how to tailor communications messages for international audiences.</p>	Business/Communications background, if possible (but this is not critical).
15	Singapore Businesses	What Growth Opportunities does the Green Economy bring for our LLEs?	<p>Large Local Enterprises (LLEs) are important to small, advanced economies. According to the World Bank, firms with &gt;100 employees have productivity advantages – to lower the costs of production through economies of scale and scope, but also to invest in quality and reach demand. They are significantly more likely to innovate, export, offer training, and are more likely to adopt international standards of quality.</p> <p>Our team focuses on partnering LLEs which have potential to become regional/global category leaders. We recognize that the Green Economy offers opportunities for growth; at the same time, our companies have varying interests and inclination. Who and what projects should our team invests resources to seed?</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Study growth opportunities in the green economy globally and its associated challenges/risks</li> <li>b) Undertake firm-level competitive analysis and identify areas where our LLEs may have shots on goal to build a globally/regionally competitive business, while considering the investment horizons and capabilities of our companies</li> <li>c) Recommend firm-level strategy for 2-3 LLEs to as potential pathways to build the business</li> </ul> <p>During your internship, you will also be exposed to how EDB assesses our LLEs' investment plans and partner them to invest and grow in Singapore.</p>	Interest in enterprise strategy.
16	Singapore Businesses	Is Deep-tech within reach of our LLEs?	<p>Large Local Enterprises (LLEs) are important to small, advanced economies. According to the World Bank, firms with &gt;100 employees have productivity advantages – to lower the costs of production through economies of scale and scope, but also to invest in quality and reach demand. They are significantly more likely to innovate, export, offer training, and are more likely to adopt international standards of quality. Our team focuses on partnering LLEs which have potential to become regional/global category leaders.</p> <p>Deep-tech – the generic term for technologies not focused on end-user services that includes artificial intelligence, robotics, blockchain, advanced material science, photonics and electronics, biotech and quantum computing. For others, deep-tech also refers to a classification of organization, or more typically startup company, with the expressed objective of providing technology solutions based on substantial scientific or engineering solutions.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Study opportunities in deep-tech e.g. advanced materials</li> <li>b) Identify areas where our LLEs should participate in, while considering the investment horizons and capabilities of our companies</li> <li>c) Recommend firm-level strategy for 2-3 LLEs on how they can participate in the identified areas</li> <li>d) Prepare a pitch deck to convince selected LLEs to invest in the area (we will get them to vote on your pitch)</li> </ul> <p>During your internship, you will also be exposed to how EDB assesses our LLEs' investment plans and partner them to invest and grow in Singapore.</p>	Interest in enterprise strategy.

17	Singapore Businesses	LLE's Inorganic Growth Pathways	<p>Large Local Enterprises (LLEs) are important to small, advanced economies. According to the World Bank, firms with &gt;100 employees have productivity advantages – to lower the costs of production through economies of scale and scope, but also to invest in quality and reach demand. They are significantly more likely to innovate, export, offer training, and are more likely to adopt international standards of quality.</p> <p>Our team focuses on partnering LLEs which have potential to become regional/global category leaders. One key workstream in 2023 is on inorganic growth - we will work with selected LLEs to embark on a Programmatic M&amp;A pathway to accelerate growth.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Work closely with the LLEs/other partners to identify M&amp;A pathways and study past case examples</li> <li>b) Identify acquisition targets and develop an investment thesis for these targets</li> <li>c) Investigate the value proposition for various M&amp;A tools</li> <li>d) Produce a playbook to guide future Programmatic M&amp;A efforts</li> </ul> <p>During your internship, you will also be exposed to how EDB assesses our LLEs' investment plans and partner them to invest and grow in Singapore.</p>	Interest in enterprise strategy.
18	Capital Goods (Aerospace)	How should Singapore position ourselves to capture future opportunities in the Aerospace industry?	<p>Singapore is a regional hub for aerospace activities, accounting for more than a quarter share of the Asia Pacific's Maintenance, Repair &amp; Overhaul (MRO) market. We also manufacture critical components for leading Aerospace companies like GE Aviation, Pratt &amp; Whitney and Rolls-Royce. Looking ahead, drivers such as the introduction of new aircraft models and accelerated adoption of technology to improve sustainability are expected to re-shape the industry.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Identify the key trends that will re-shape the aerospace industry of the future</li> <li>b) Develop a hypothesis of how these trends will transform the industry and create new opportunities</li> <li>c) Propose ways EDB could develop value propositions to become a more attractive hub to capture these new new opportunities</li> </ul> <p>In the process, you will be mentored by an experienced EDB officer involved with the aerospace industry. After conducting an initial phase of desktop research, you will be given the opportunity to engage senior industry executives to test and refine your hypotheses. Your findings will guide the actions EDB takes to develop new value propositions for growing our aerospace industry.</p>	Interest in the aerospace industry.
19	Resource Development	Implementing a transition framework for Singapore's carbon tax	<p>At Budget 2022, the government announced that the carbon tax would be increased after 2023, with a view to reaching S\$50-80/tonne by 2030 from the current \$5/tonne. A transition framework will be introduced to provide allowances to emissions-intensive and trade-exposed sectors to help manage the near-term impact on Singapore's business competitiveness.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Review the prevailing landscape and trends of international carbon prices and allowances/free allocations; and</li> <li>b) Develop case studies on carbon pricing regimes in key jurisdictions, focusing on trends in allowance quantities and design features of the allowance frameworks.</li> </ul> <p>During your internship, you will have opportunities to engage key industry players and government agencies such as MTI, MOF and NEA, for first-hand insights into carbon pricing policy.</p>	Nil
20	Resource Development	Government support for low-carbon transition	<p>As announced in October 2022, Singapore has enhanced its climate change targets, aiming to reduce emissions to around 60 MtCO<sub>2</sub>e by 2030 after peaking emissions earlier, &amp; to achieve net zero by 2050. To meet these targets while sustaining economic growth, Singapore will need to actively pursue low-carbon investments (including emissions reduction), &amp; will have to compete with other jurisdictions in doing so. There is hence need to ensure that the policy environment in Singapore allows us to be competitive in attracting such projects.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Review the prevailing landscape and trends of investments in low-carbon transition and government schemes to support them; and</li> <li>b) Develop case studies on policies in other jurisdictions specifically aimed at anchoring low-carbon investments.</li> </ul> <p>During your internship, you will have opportunities to engage key industry players and government agencies such as MOF and NCCS, for first-hand insights into climate policy.</p>	Nil

21	Resource Development	Resource Management Dashboard	<p>To aid EDB management's regular review of Singapore's investment project pipeline, there are various visualisation and reporting tools to track and project key resource use for these projects. This project seeks to review existing tools to develop a comprehensive visualisation dashboard on tracking indicators for key resources like land, carbon emissions, electricity and water.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Review existing visualisation and reporting tools to track and project key resource use for EDB's investment project pipeline; and</li> <li>b) Develop a prototype visualisation dashboard to capture key parameters of resources relevant to EDB's decision making, such as land, emissions, electricity and water.</li> </ul> <p>During your internship, you will have opportunities to engage EDB-internal stakeholders on existing tools for tracking and reporting EDB's investment project pipeline as well as key resources such as land &amp; emissions. This will give you insights into how government agencies track and review internal outcomes, and make robust decisions for economic growth amidst resource constraints.</p>	Experience in Tableau and Confluence is preferred, but not critical.
22	Innovation Economy (IEGE)	Identifying an emerging industry for Singapore	<p>Innovation is a central driving force to the growth of Singapore's economy. Being a small nation competing in a dynamic global arena, an innovation-led economy is paramount to Singapore's long-term economic competitiveness and growth. To ensure that Singapore continues to be a vibrant hub for business, innovation and talent, EDB is on a constant lookout for new emerging industries which Singapore could anchor and develop.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct a scan on macro trends and identify one emerging industry arising from the macro trends</li> <li>b) Characterise the market opportunity (e.g. global/regional trends, market sizes, key driving forces and constraints, what has changed in recent years)</li> <li>c) Map out the value chain, identify key industry players and hypothesise key bottlenecks / pain-points for the identified emerging industry</li> <li>d) Characterise Singapore's existing ecosystem for the identified emerging industry</li> <li>e) Develop hypotheses on potential focus areas that Singapore could play a role in for the identified emerging industry</li> </ul> <p>During your internship, you will have the opportunity to be exposed to EDB's approach to identifying and incubating new industry opportunities. You will also have opportunities to engage and meet with companies and other stakeholders (e.g. research institutes, other government agencies).</p>	Nil
23	Innovation Economy (IEGE)	Deep Tech - the next big thing for Singapore?	<p>Innovation is a central driving force to the growth of Singapore's economy. Being a small nation competing in a dynamic global arena, an innovation-led economy is paramount to Singapore's long-term economic competitiveness and growth. To ensure that Singapore continues to develop sectoral leadership for innovation, EDB is keen to understand means to enhance the deep tech ecosystem in Singapore.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct a scan on deep tech hubs globally</li> <li>b) Characterise the different deep tech hubs, as well as their efforts in building a deep tech ecosystem (e.g. VC funding, infrastructure, etc.)</li> <li>c) Map out existing efforts in Singapore's deep tech ecosystem</li> <li>d) Develop hypotheses on potential focus areas/ tools that Singapore could implement to build a vibrant deep tech ecosystem</li> </ul> <p>During your internship, you will have the opportunity to be exposed to strategy work and EDB's approach to identifying and incubating new industry opportunities. You will also have opportunities to engage and meet with other relevant stakeholders (e.g. research institutes, other government agencies, etc.).</p>	Interest in research, strategy and deep tech.
24	Healthcare & Wellness	Consumer Healthcare in Singapore	<p>With the switch in trend towards disease prevention and wellness, the Consumer Healthcare sector is set to grow significantly over the next few years. Singapore has started to bring companies in this space here as well with Galderma (parent company of brands like Cetaphil) investing \$400M for manufacturing here and GSK's Haleon (parent company of brands like Panadol) locating their regional headquarters here.</p> <p>Given the growing interest in this space, as our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Scope out what Singapore's strengths are and where potential growth opportunities could lie</li> <li>b) Propose recommendations on how we could make investment promotion decisions</li> </ul> <p>During your internship, you will potentially get the opportunity to be exposed to how EDB works with other government agencies and how we engage EDB's clients, to validate your hypothesis and findings.</p>	Nil

25	Healthcare	Strengthening our MedTech hub value propositions	<p>The global Medical Technology (MedTech) sector is expected to grow in the coming years, driven by factors such as aging population, increasing prevalence of chronic diseases, and advancements in technology. This sector is not only a large and growing market, but also attractive from an economic development standpoint. According to the European Patent Office, no industry files more patents than the MedTech sector. Unsurprisingly, we are also seeing more governments rolling out incentives to spur the development of its MedTech sector.</p> <p>Our team strives to enhance Singapore's position as a leading MedTech hub in Asia. We work closely with industry partners to continually refine our value propositions and remain attractive to future investments. For this project, we will study the competitiveness landscape for MedTech investments.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Scan the landscape to identify key global MedTech hubs</li> <li>b) Evaluate Singapore's competitiveness (in attracting future MedTech investments) vis-a-vis alternative locations</li> <li>c) Provide recommendations on how EDB could respond, including ideas of new value propositions</li> </ul> <p>During your internship, you will be exposed to how global developments shape EDB's industry development efforts. You will also be working with a diverse group of stakeholders such as industry partners and internal stakeholders (international ops, healthcare team) to validate your hypotheses.</p>	Nil
26	Healthcare	New modalities in small molecules & biologics	<p>Singapore has successfully anchored a strong base of small molecule Active Pharmaceutical Ingredient (API) and biologics manufacturers over the years. Globally, these established modalities have continued to evolve, with high-potency API becoming more important as pharma companies develop innovative treatments such as Antibody Drug Conjugates (ADCs), which combine the strengths of both small molecules and biologics to target key therapeutic areas such as oncology.</p> <p>Our team strives to enhance Singapore's position as a leading biopharma hub in Asia. We work closely with industry partners to continually refine our value propositions and remain attractive to future investments. For this project, we will study the opportunities for Singapore for new modalities in small molecules and biologics.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Scan the market opportunity for new modalities in small molecules and biologics (e.g. ADCs)</li> <li>b) Evaluate Singapore's competitiveness (in attracting such investments) vis-a-vis alternative locations</li> <li>c) Provide recommendations on how EDB could respond, including ideas of new value propositions</li> </ul> <p>During your internship, you will be exposed to how global developments shape EDB's industry development efforts. You will also be working with a diverse group of stakeholders such as industry partners and internal stakeholders (international ops, healthcare team) to validate your hypotheses.</p>	Nil
27	Digital Industry Singapore (DISG)	Analysis of tech training programmes in Singapore	<p>DISG has partnered with many leading tech companies such as Google and Amazon to provide training in tech skills for thousands of Singaporeans, especially over 2020-2022. These initiatives have taken various modalities, and we are keen to understand the efficacy of these programmes in translating into job outcomes for participants, and for meeting companies' needs for tech talent. This will guide how we continue to work with companies for training and capability development for Singaporeans.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct an analysis of the impact of these training programmes in delivering favourable job outcomes for these participants, and effectiveness of meeting companies' tech talent needs. (e.g. what worked well, and what could have been done better)</li> <li>b) Propose new indicators, both quantitative and qualitative (e.g., beyond looking at salary changes), to measure how well these programmes have performed</li> <li>c) Present your analysis of outcomes, and recommendations on how we can improve how we work with companies</li> </ul> <p>During your internship, you will be exposed to how EDB works with companies to design, develop and execute on solutions that meet industry needs. You will also be exposed to how various government agencies work together to achieve a common outcome in growing the tech sector in Singapore. You will also</p>	Nil



28	Digital Industry Singapore (DISG)	Identifying Web3 research focus areas for Singapore	<p>Web3 is an emerging economic opportunity for Singapore, and Singapore starts from a relatively high base. To ensure that our advantage in this space is enduring, we must invest in building pools of research capabilities in relevant areas, in step with where industry is headed.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Identify areas of research that Singapore should focus on in order to win in Web3. These should be areas where we can be globally competitive and differentiated.</li> <li>b) Design an interface (you can think of this loosely as a programme structure) for companies to collaborate with our public research institutes or academics in our universities to further research in these areas.</li> <li>c) Present your findings and recommendation on the interface</li> </ul> <p>This internship will showcase how EDB dreams, designs and delivers on solutions to make sure that Singapore continues to remain relevant especially in emerging areas of opportunity. You will also have the opportunity to speak with universities and companies in the course of your work.</p>	Interest and basic familiarity with Web3 is essential. Technical proficiency in Web3 preferred, but not essential. Individual must be willing to go into technical details.
29	Digital Industry Singapore (DISG)	Deep dive on B2B Tech Salespeople	<p>Businesses are ultimately driven by sales. Specific to the B2B SaaS space, there is a wealth of wisdom in selling B2B SaaS products – from the sales cycle/process, to team structure, compensation and benefits. This project aims to help DISG determine how Singapore can position itself as a leading location for B2B sales talent as a value proposition to technology companies.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct deep research into B2B tech sales to uncover how these roles might differ from traditional sales roles</li> <li>b) Identify what companies look out for in B2B tech salespeople</li> <li>c) Propose additional interventions that could help to develop a pipeline of ready talent who can hit the ground running</li> </ul> <p>During your internship, you will be exposed to how EDB works with companies to design, develop and execute on solutions that meet industry needs. You will also be exposed to how various government agencies work together to achieve a common outcome in growing the tech sector in Singapore. You will also have first-hand experience speaking to individuals and companies as part of programme development efforts.</p>	Major in business or marketing would be preferred but not mandatory.
30	Business Environment	BEPS research and analysis	<p>Base Erosion and Profit Shifting (BEPS) refers to tax planning strategies used by multinational enterprises to exploit gaps and mismatches in tax rules to avoid paying tax. The OECD/G20 Inclusive Framework on BEPS brings together &gt;100 countries and jurisdiction to collaborate on the implementation of measures to tackle tax avoidance, improve the coherence of international tax rules, and ensure a more transparent tax environment. It is critical for Singapore to keep pulse on international developments, company feedback, and incentives offered by competitor locations.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct a scan of BEPS implementation progress, company feedback and incentives (e.g. grants, tax incentives, etc) offered by competitor locations</li> <li>b) Analyse impact to Singapore</li> <li>c) Provide recommendations on enhancements to Singapore's incentive toolkit to keep pace with competition</li> </ul> <p>During your internship, you will be exposed to how EDB goes about developing and enhancing our incentive toolkit, and potentially be given opportunities to participate in company engagement/roundtable consultations on impact of BEPS to businesses. You will also have the opportunity to participate in how Singapore can enhance its incentive product offerings to keep pace with competition.</p>	Nil
31	Business Environment	US-China contestation monitoring	<p>US and China have been putting in place export controls and industrial subsidies, e.g. via America Competes Act of 2022, US CHIPS and Science Act of 2022, and China's chips subsidies, in a bid to protect and strengthen domestic sectors and retain technology dominance. The contestation has led to impact to global businesses, trade and supply chain.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct a scan of US and China's export controls and industrial subsidies</li> <li>b) Crawl internal company meeting reports on companies' feedback on impact to their businesses</li> <li>c) Provide recommendations on areas that Singapore needs to look out for in industry development</li> </ul> <p>During your internship, you will be exposed to how global developments will impact businesses and EDB's industry development efforts.</p>	Nil

32	Business Environment	Monitoring of various countries' investment screening policies	<p>Various countries have been putting in place investment screening policies, to allow governments to scrutinise individual investment proposals on potential impact to essential security interests. While originating as single-sector mechanism, it has become more common for countries to put in place cross- or multi-sectoral investment screening mechanism.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Conduct a scan of investment screening policies recently introduced by various countries (with a focus on US, EU), and the sectors of focus</li> <li>b) Postulate potential impact to Singapore's industry development</li> </ul> <p>During your internship, you will be exposed to how global developments will impact businesses and EDB's industry development efforts.</p>	Nil
33	Environmental Sustainability (ESGE)	Singapore as a carbon services hub	<p>As governments, corporates, and consumers continue to drive the global transition towards a net-zero carbon future, carbon services and carbon markets are expected to play a significant role in channeling financial resources to decarbonization projects globally. Carbon services is an emerging field that encompasses expertise across a spectrum of activities, including development of climate targets, climate strategy advisory, measurement, reporting, and verification of carbon emissions, carbon offset development, and financial intermediation of carbon credits.</p> <p>Singapore expects that the growth of carbon markets will unlock significant demand for new carbon management services and jobs – it is estimated that carbon services and trading can contribute between US\$1.8 – 5.6 billion in GDP and generate an additional 16,000 – 57,000 professional jobs for Singapore's economy by 2050. Singapore is well-positioned to capture this economic opportunity by serving as the regional carbon services hub that accounts for the lion's share of carbon services activity in Asia.</p> <p>In this project, you will help the Environmental Sustainability division to map out the current carbon services ecosystem in Singapore and envision what it could look like in 2030.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Identify the key characteristics that companies look out for in a thriving carbon services hub</li> <li>b) Understand the necessary resource levers that can be provided to industry;</li> <li>c) Make a recommendation on the key winning moves that EDB will need to make to develop this new and vibrant industry in Singapore.</li> </ul> <p>During your internship, you will have the opportunity to better understand ongoing developments in carbon markets, interact with companies and carbon services practitioners, and engage various stakeholders such as government agencies and universities.</p>	Nil
34	Environmental Sustainability (ESGE)	Can Singapore be a biofuels hub?	<p>In line with the global transition to net-zero, the aviation, maritime, and road transportation sectors are developing and implementing their decarbonisation strategies. Biofuels such as sustainable aviation fuel (SAF) and renewable diesel will contribute significantly to these strategies. Biofuels are fuels that are made from biogenic feedstock (e.g. used oils and fats, agricultural residues) and are therefore carbon-neutral in nature.</p> <p>The energy and chemicals sector in Singapore plays an important role in producing and supplying fuels for the world. Our team in EDB aims to support the sector to seize opportunities in the energy transition, including to manufacture biofuels. For this project, we will examine whether and how Singapore can be a leading biofuels hub, building on existing work done.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Characterise the market for biofuels, growth potential, key markets and key players</li> <li>b) Assess Singapore's existing value propositions for biofuels activities (e.g. feedstock supply chain)</li> <li>c) Develop recommendations on new non-incentive value propositions to stimulate biofuels production and trading in Singapore</li> </ul> <p>During your internship, you will have the opportunity to better understand global developments in decarbonisation and sustainability. You may also have the opportunity to engage with industry partners (e.g. energy companies) and internal government stakeholders (e.g. EMA, NCCS) to validate your hypotheses.</p>	Nil

35	Consumer	Opportunities for sustainable sourcing in the fashion and apparel industry	<p>Singapore has observed an increased interests by companies in the fashion and apparel industry to conduct supply chain activities, specifically in the area of sourcing and procurement. With sustainability being a continued focus area for companies, there presents an opportunity for companies to conduct regional and global sustainable sourcing activities in Singapore.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Map out fashion and apparel companies' supply chain activities in Singapore, along with their sustainability goals, through desktop research;</li> <li>b) Summarise global regulations around cross-border movement of textile waste, through desktop research;</li> <li>c) Identify companies' key materials of interest and map out existing ecosystem capabilities through conversations with companies, industry associations, consultants, and solution providers;</li> <li>d) Identify gaps between companies' aspirations and Singapore's ecosystem; and</li> <li>e) Provide recommendations of areas of intervention, if any.</li> </ul> <p>During your internship, you will have the opportunity to be exposed to fashion and apparel companies based in Singapore, as well as ecosystem partners including industry associations consultants, solution providers, and research institutes (e.g. Nike, adidas, Samsonite, Singapore Fashion Council, RGE-NTU SusTex, A*STAR, etc.).</p>	Nil
36	Product Innovation by Experience (PIX)	Reimagining digital experiences for investing in Singapore	<p>EDB helps global companies that are looking to do business in Singapore, by providing trusted advice, recommendations and connections for their investment journey. To scale our reach, we create digital solutions and experiences that enable corporate clients to access EDB's offerings anytime, from anywhere.</p> <p>We are looking for a creative problem-solver to work with our team to:</p> <ul style="list-style-type: none"> <li>a) Research and generate innovative digital solution concepts that will enhance EDB's business model and client experience</li> <li>b) Build prototypes and test the solution(s) with stakeholders or clients</li> <li>c) Lend hands-on support to the product team on various operations such as research tasks, organising artefacts, analysing data, handling user communications and queries, etc</li> </ul> <p>During the internship, you will work closely with a team of designers and product managers, and interact with various functions in EDB involved in formulating and promoting value propositions for Singapore as an investment location. Through delivering digital experiences to cultivate businesses' trust and interest in Singapore, you will have the opportunity to make a positive contribution to our economic landscape.</p>	<p>Major in computer science, software engineering, information systems or similar.</p> <p>Individuals majoring in design, business or engineering with a strong interest in technology applications are also encouraged to apply.</p>
37	Product Innovation by Experience (PIX)	UX design & research to support the EDB's digital product development efforts	<p>Underpinning EDB's investment promotion efforts are a set of digital products and services that complement the client engagement efforts of EDB officers and our corporate clients. They allow our corporate clients to interact, transact, and manage their financial incentives, and also support EDB officers to evaluate and process applications from clients. These workflows have to be designed, built and evolved to adapt to changing business &amp; policy landscapes.</p> <p>As a UX intern, you will be required to support design and research efforts of EDB's incentive system stack, through:</p> <ul style="list-style-type: none"> <li>a) Planning, and conducting user interviews with EDB clients/EDB officers in support of research and business goals</li> <li>b) Developing prototypes and wireframes to explore, and evaluate various design options</li> <li>c) Synthesizing research and design considerations into a set of design recommendations to PMs, engineers and stakeholders</li> <li>d) Contributing updates to EDB's design system, where relevant</li> </ul> <p>During your internship, you will have the opportunity to be part of a product squad consisting of product managers, engineers, and designers, and be exposed to the business, technical and design considerations in the development of digital products and services. You will also get to be part of an in-house design team and be exposed to research &amp; design efforts to understand how all designers collectively play a role in nurturing, and modelling a human-centred work culture for the team and wider EDB.</p>	<p>Background in Industrial Design.</p> <p>Interest in UX / product design.</p>

38	Product Innovation by Experience (PIX)	Service design & research to support the EDB's efforts in creating positive user experiences	<p>As part of EDB's efforts to create meaningful and compelling human experiences which shape Singapore, its economy and EDB, the service design team in PIX works closely in collaborative projects with other business units to address internal and client-facing problems using design-led approaches. Our work ranges from working with the business units in full-scale projects to shorter design sprints in which specific stages of the design methodology (Discover-Define-Develop-Deliver) are applied to suit specific project needs.</p> <p>As a service design intern, you will be required to support service design and research efforts of the PIX team, through:</p> <ul style="list-style-type: none"> <li>a) Conducting research in areas/industries related to service design projects for understanding of context and landscape</li> <li>b) Planning, and conducting user interviews with EDB clients/EDB officers in support of research and business goals</li> <li>c) Synthesising interview/research data to obtain meaningful insights that inform opportunity areas to focus on for ideation of solutions</li> <li>d) Developing and user-testing concepts and prototypes that address user needs</li> <li>e) Assisting in design education efforts to promote the design methodology and mindsets within project teams &amp;/or across EDB</li> </ul> <p>During your internship, you will have the opportunity to be part of a service design project team comprising design lead(s) and divisional team members, and be exposed to the business and design considerations in the creation of positive user experiences. You will also be part of an in-house design team, comprising service and product designers, who nurture and model a human-centred work culture within the team and for the wider EDB.</p>	<p>Industrial Design, Architecture, Business studies with Design Thinking.</p> <p>Interest in Design Thinking / service design.</p>
39	Commercial & Professional Services (C&PS)	Exploring innovation in Engineering Services	<p>To catalyse an increase in the rate of innovation among our key clients (globally leading MNCs), we want to spur the development of new products in Singapore and anchor the product management charters of these products here. C&amp;PS is exploring how we can partner our key clients in the engineering services sector (Exyte, Kajima and Tuv Sud) to pursue innovation and product development activities in Singapore.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Complete a scan of the 3 firms' innovation activities globally -- identifying the firms' total investment, ambitions and focus areas for R&amp;D, how they deploy pilots, the commercial success rate of their innovation activities, how they source problem statements, key executives leading the decision making and the countries where these activities are concentrated;</li> <li>b) Craft a hypothesis of the profile of innovation activities most suitable for these firms to undertake in Singapore;</li> <li>c) Develop recommendations for how C&amp;PS might inspire the firms to accelerate their innovation journeys in Singapore</li> </ul> <p>During your internship, you will have the opportunity to engage senior leaders from globally leading engineering companies and work closely with account managers to learn strategy formulation. You will also have the opportunity to engage stakeholders within EDB and across the government (BCA and ASTAR).</p>	Nil

40	Hub Services and Connectivity (HS&C)	Developing value propositions to grow sustainable supply chains in Singapore	<p>Today, achieving sustainable supply chains has increasingly become a key corporate goal and is a strategic business decision made by organizations to focus on sustainable practices. Leading economies and economic blocs have pledged carbon neutrality goals to be achieved within the century with the US, EU, Japan and South Korea aiming to be carbon neutral by 2050, China before 2060 and India by 2070. Out of the 3 categories of emission, Scope 3 emissions represent majority of most companies' broader carbon impact which could contribute up to 95% of total emissions. Scope 3 emissions is also the hardest to measure and tackle as they require tracking of activities across the entire value chain from suppliers to end users. As a result of the above, some industry-driven movements for sustainable supply chain are gaining pace with growing membership numbers such as the Sustainability Consortium and the Together for Sustainability initiative.</p> <p>As companies increasingly look to drive business and supply chain diversification towards the growth region of ASEAN, this presents an opportunity for Singapore to assess if there is a role that we could play as an emerging SCM Hub to better support companies' efforts to evolve towards sustainable supply chains by transforming their regional supplier base such as via certification, performance tracking, capability development programmes, enhancing end-to-end traceability, etc.</p> <p>As our intern, you will:</p> <ul style="list-style-type: none"> <li>a) Map out sustainable sourcing needs of companies (i.e. in terms of capabilities, skill sets) and to understand what are key considerations and challenges faced by companies with regards to sustainable sourcing;</li> <li>b) Map out and identify key global stakeholders who play a significant enabler role in supporting companies with their long-term sustainable sourcing efforts, whom EDB can potentially attract and/or partner to develop and offer ecosystem value propositions e.g, certification and standard bodies;</li> <li>c) Assess and recommend what Singapore/EDB could potentially offer to companies to attract them to set-up their sustainable supply chain activities (e.g. sustainable sourcing) and/or Centre of Excellences in Singapore, and to highlight any potential long-term benefits that this effort could impart to Singapore's manufacturing ecosystem.</li> </ul> <p>During your internship, you will be exposed to how EDB develops value propositions to maintain Singapore's attractiveness and competitiveness as a business hub. You will have the opportunity to engage with internal and external stakeholders to understand problem statements, key interests, and to test and validate relevant hypothesis that serves to inform EDB's strategy and value proposition development efforts.</p>	Nil
41	New Ventures	Marketing & Communications	<p>Companies globally are getting disrupted by technology and shifts in business models. There is an urgent need for them to be developing new revenue streams and new businesses. At EDB New Ventures, we identify opportunities for new venture creation in Singapore and enables such opportunities through joint ideation and incubation, and selective co-investments with strategic corporate partners, with the aim of creating new ventures anchored in Singapore.</p> <p>To drive awareness and build the ecosystem capabilities in venturing in Singapore, the EDB New Ventures team is responsible for developing and executing new outreach models, programmes, marketing and communications, and community building efforts.</p> <p>As part of our marketing efforts, we are looking for an intern to support the strategy and execution of marketing and community building.</p> <p>As an intern, you will:</p> <ul style="list-style-type: none"> <li>a) Map out platforms (events, publications) that EDB New Ventures should build proactive engagements with</li> <li>b) Identify selection criteria and develop an assessment framework that can be used for identifying suitable platforms for EDB to engage/partner with</li> <li>c) Evaluate and tier the platforms based on the selection criteria in the framework</li> <li>d) Recommend 2 tier 1 marketing platforms to profile EDB's venturing efforts and our portfolio ventures</li> <li>e) Propose approach on how EDB can build and cultivate the relationship with these platforms</li> <li>f) Support the execution of marketing initiatives during the period of internship</li> </ul> <p>During your internship, you will:</p> <ul style="list-style-type: none"> <li>a) Have opportunities to learn how the team works with companies/founders on new venture creation.</li> <li>b) Get to speak to team members who have been deployed on venture building sprints to learn about the process from origination, scoping the sprint, concept validation, to building and launching new ventures.</li> <li>c) Support content development initiatives to drive publicity across EDB-owned channels, working with BMC team</li> </ul>	Candidate must have some experience in marketing and communications and an interest in start-up creation / ventures / corporate innovation.