

| No. | Division/ sub-team | Project Title | Project Description | Requirements (if any) |
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| 1 | Advanced Manufacturing Development | Horizontal Manufacturing Technology Providers | <p>(1) Background In the rapidly evolving landscape of global manufacturing, Singapore aims to position itself as a hub for advanced manufacturing technologies. This project focuses on identifying and analysing horizontal manufacturing technology providers that are crucial for building a globally competitive ecosystem and establishing best-in-class factories in Singapore.</p> <p>As manufacturing becomes increasingly sophisticated, the role of horizontal technology providers becomes more critical. These providers offer solutions that can be applied across various manufacturing sectors, enhancing productivity, efficiency, and innovation. By anchoring the right capabilities in Singapore, we can create a robust ecosystem that supports our ambition of becoming a global leader in advanced manufacturing.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Map out the global and local landscape of horizontal manufacturing technology providers, identifying key players and emerging trends. b) Analyse the types of sophisticated capabilities these providers offer and their potential impact on Singapore's manufacturing ecosystem. c) Develop a framework to assess the strategic value of different horizontal manufacturing technologies in supporting Singapore's manufacturing ambitions. d) Recommend a strategy for attracting and anchoring key horizontal manufacturing technology providers in Singapore.</p> | Nil |
| 2 | Advanced Manufacturing Development | Sustainable Manufacturing | <p>(1) Background As global concerns about climate change intensify and carbon budgets tighten, there is some urgency for sustainable manufacturing practices to be implemented. While manufacturers globally may be taking a calibrated approach to the green transition, there is a growing need to accelerate efforts in sustainable manufacturing to maintain competitiveness and meet environmental goals. Back home in Singapore, our resource constraints will only become increasingly tight, and the impetus for sustainable manufacturing is even more pressing.</p> <p>This project aims to explore the current state of sustainable manufacturing in Singapore, identify best practices globally, and develop strategies to accelerate the green transition in the manufacturing sector.</p> <p>(2) Deliverables/ Expectations: As our intern, you will be required to: a) Conduct a comprehensive review of sustainable manufacturing practices and technologies globally, identifying key trends and innovations. b) Analyse the current state of sustainable manufacturing in Singapore, including policies, initiatives, and adoption rates. c) Develop a framework to assess the environmental impact and economic viability of various sustainable manufacturing practices. d) Recommend strategies to accelerate the adoption of sustainable manufacturing practices in Singapore, considering the unique challenges and opportunities in the local context.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will gain insights into the nation's sustainability roadmap and how EDB collaborates with other government agencies to promote sustainability in the industrial sector. Additionally, you'll contribute to developing a framework for identifying new</p> | Nil |

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| 3 | Business Environment | Study on the Competitiveness of EDB's Incentives | <p>(1) Background In today's interconnected global economy, tax and economic policies worldwide are constantly evolving, with significant implications for international business decisions and national economic strategies. Understanding these developments is crucial for maintaining Singapore's position as a competitive global business hub.</p> <p>(2) Deliverables/ Expectations: As our intern, you will: a) Track and assess significant economic and tax policy changes in major economies worldwide, including emerging trends such as taxation and incentives for strategic industries. This analysis will cover key regions and countries, including but not limited to the US, EU, and ASEAN countries. b) Identify gaps/opportunities and develop recommendations to enhance competitiveness of our existing incentive toolkit.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will gain insights into how developments in global economic policies can impact companies and Singapore's economy, as well as the process of policy analysis and formulation.</p> <p>This project will provide you with valuable exposure to international economic policy, geopolitical analysis, and the strategic considerations involved in positioning Singapore in the rapidly changing global economy.</p> | All disciplines are welcomed. Students with economics, accounting and business related disciplines are preferred. |
| 4 | Business Environment | Review of key EDB incentive schemes | <p>(1) Background EDB's incentive schemes play a crucial role in attracting and retaining investments in Singapore. To ensure these incentive schemes remain effective and relevant, we conduct regular reviews and propose policy adjustments where appropriate.</p> <p>(2) Deliverables/ Expectations As our intern, you will: a) Assist in conducting comprehensive reviews of selected incentive schemes. b) Analyse data and gather stakeholder feedback to assess the effectiveness and outcomes of these schemes. c) Help identify potential areas for enhancement or modification of the schemes based on the review findings. d) Contribute to the preparation of final reports, including executive summaries and recommendations.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will gain insights into: a) The mechanics and objectives of key EDB incentive schemes b) The process of evaluating government policies and incentives c) How EDB assesses the impact and relevance of its tools in the evolving economic landscape</p> | All disciplines are welcomed. Students with economics, accounting and business related disciplines are preferred. |

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| 5 | Chemical & Materials | Study on the Catalyst Ecosystem | <p>(1) Background Singapore is committed to addressing key global challenges through innovation and technological advancement. Catalyst plays a crucial role in facilitating the development and deployment of solutions across various domains, including (but not limited to) decarbonization, resource management and circular economy. This project aims to understand the broader catalyst landscape, encompassing its diverse focus areas, key players, and the interconnectedness of these domains.</p> <p>(2) Deliverables/ Expectations As our intern, you will help us to: a) Conduct comprehensive research on the catalyst ecosystem, including literature reviews, market analysis, and stakeholder interviews. Identify key players in decarbonisation, including biobased feedstock processing and sustainable polymers. b) Map the catalyst landscape across domains, performing a SWOT analysis. Analyze technology development, investment flows, regulations, and market dynamics, including the potential for cross-domain collaboration. c) Identify areas for improvement and propose recommendations to strengthen the ecosystem.</p> <p>(3) Other experiences available to you as part of the internship During your internship, you will have opportunities to engage with key players within the broader catalyst ecosystem, including startups,</p> | Nil |
| 6 | Chemical & Materials | Adhesives Study | <p>(1) Background Adhesives are used in a broad range of areas, from consumer products to industrial and specialty applications. Some of the top adhesive brands also belong to key C&M companies such as Arkema (Bostick), Henkel (Loctite), and 3M . Adhesives are a strong contributor to the earnings of these companies, boasting generally high margins.</p> <p>However, it remains unclear how adhesives are differentiated within these companies across the various end-markets and applications, and how the margins or R&D requirements may differ. This project aims to deepen the team's understanding of the adhesives landscape and identify select areas of interest that may be worthwhile for Singapore to focus its efforts on.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Map out the ecosystem of adhesives players and how their adhesives are differentiated across various end-markets and applications. b) Develop a framework for identifying select areas of interest in the adhesives space that Singapore should focus its efforts on. c) Recommend key follow-ups and next steps to further engage and anchor the adhesive businesses of companies in Singapore.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will be exposed to how EDB works with key business stakeholders and clients. You will engage with and validate your hypotheses/findings with a range of major multinational corporations, research institutes, and potentially other government agencies.</p> | Nil |

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| 7 | Consumer | Positioning Singapore as a Partner for Consumer Companies Targeting the Indian Market | <p>(1) Background India's consumer market is undergoing rapid transformation, driven by strong economic growth, an expanding middle class, and increasing digital adoption. The country's rising urbanisation and young population are fuelling consumption across various categories such as food and beverage, personal care and luxury goods and reshaping lifestyle preferences. This dynamic landscape makes India an increasingly attractive market for consumer companies looking to expand their global presence.</p> <p>This project aims to identify opportunities for positioning Singapore as a strategic partner for consumer companies seeking to enter or expand in the Indian market.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Map out the key trends and growth drivers in India's consumer market, focusing on food and beverage, personal care, and luxury goods sectors. b) Interview consumer companies to understand their market strategies, opportunities and challenges in entering or expanding in India. c) Assess and provide recommendations in areas where Singapore can play a strategic role in supporting these companies.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the opportunity to attend meetings with clients, government stakeholders and internal stakeholders, to experience the day-to-day life of an account manager in EDB.</p> | Nil |
| 8 | Digital Industry Singapore (DISG) | Hyperscalers' Quantum Computing Initiatives: Implications for Singapore's Tech Ecosystem | <p>(1) Background Quantum computing is an emerging field with the potential to revolutionise various industries. Major hyperscalers like Google, IBM, Microsoft, and Amazon are investing heavily in quantum technologies. This project aims to analyse the quantum computing efforts of these hyperscalers and identify opportunities for Singapore to position itself as a key player in the quantum ecosystem.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Map out the current quantum computing landscape, focusing on the approaches, initiatives and investments of major hyperscalers. b) Analyse key trends, technologies, and potential applications of quantum computing being pursued by these companies. c) Identify value propositions that Singapore can use to attract quantum teams from these leading hyperscalers. d) Develop recommendations on how Singapore can leverage its strengths to capture opportunities in the quantum computing space, potentially through partnerships with hyperscalers.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the opportunity to engage with industry experts and researchers in the field of quantum computing, interact with EDB colleagues from various divisions and agencies, including Digital Industry Singapore (DISG), National Quantum Office, and EnterpriseSG, to understand Singapore's broader tech ecosystem and strategy. In addition, you will be able to participate in meetings with representatives from hyperscalers or quantum technology companies to gain firsthand insights into their plans and requirements.</p> | <p>Background in computer science, physics, or a related field would be beneficial.</p> <p>Strong research and analytical skills are essential.</p> <p>Familiarity with quantum computing concepts would be an advantage but is not required.</p> |

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| 9 | Environmental Sustainability | Environmental Sustainability | <p>(1) Background Sustainability services and products are expected to grow in demand as corporates and governments face increasing pressure to manage their carbon footprints. This will give rise to new economic opportunities, such as those in carbon management/renewable services and emerging decarbonisation technologies.</p> <p>In this project, you will study the latest trends in sustainability services and products to identify opportunities for Singapore to grow new jobs and businesses.</p> <p>(2) Deliverables/ Expectations As an intern, you will: a) Study emerging opportunities in sustainability services and products. b) Characterise the market, key players, and solutions in the identified opportunity area(s). c) Recommend whether and how EDB should pursue these opportunity.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the chance to understand developments in carbon markets, renewable energy, and decarbonisation technologies, as well as interact with sustainability services practitioners. You will also engage with various stakeholders such as government agencies, research institutes, and start-ups.</p> | Nil |
| 10 | Healthcare | Innovative Healthcare Financing & Market Access for NCDs | <p>(1) Background Global health financing for non-communicable diseases (NCDs) is limited, despite the growing burden on Low and Middle Income Countries (LMICs). Precision medicine and other emerging technologies have the potential to help treat these conditions, but they require adequate financing. Global development assistance for health (DAH) funding programs have been mainly concentrated on infectious diseases, HIV/AIDs, malaria/TB, and newborn and child health. Innovative financing mechanisms focused on NCDs are currently lacking, and there are no innovative financing programmes for precision medicine.</p> <p>Even in higher income countries like the US and Singapore, increasing health spending relative to GDP has led governments to re-evaluate their fiscal space for novel health innovations, given the high cost and long investment period to validate experimental therapies. Closer to home, Singapore needs to rethink our healthcare financing policies to support and embrace technological advances in medical science, such as precision medicine, gene editing, and artificial intelligence, while thoroughly examining the clinical evidence and evaluating the cost of these interventions.</p> <p>How can Singapore facilitate market access in the region for life science interventions through innovative healthcare financing models?</p> <p>(2) Deliverables/ Expectations As our intern, you will help us to: a) Understand the global and regional landscape for innovative healthcare financing models, including through engaging pharma/MedTech companies, think tanks, financial institutions, non-profits (e.g. philanthropic capital/foundations) and fintech firms. b) Ascertain if anchoring innovative healthcare financing activities in Singapore can generate economic value for healthcare firms, including through growing regional market access teams. c) Synthesise learnings which could be relevant for MOH to consider for precision medicine in Singapore.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will be exposed to how global developments shape EDB’s industry development strategies and efforts. You will also experience working with a diverse group of stakeholders - ranging from other EDB colleagues to external industry and public sector partners to formulate and validate your hypotheses.</p> | Students who are familiar with the lifesciences industry or has a financial or consulting background are preferred. |

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| 11 | Healthcare / MedTech | Future of Singapore's MedTech Ecosystem: Talent | <p>(1) Background According to KPMG, the global MedTech industry is expected to grow to US\$800 billion by 2030 at a steady CAGR of 5%. Amidst global headwinds such as rising healthcare cost pressures and shortage of trained clinicians, technologies such as artificial intelligence, robotics, and miniaturized medical devices have significant potential to improve clinical outcomes and cost-effectiveness of care for patient populations.</p> <p>Today, Singapore is a trusted global manufacturing and innovation hub in Asia for many of the world's leading MedTech firms, producing more than S\$18 billion of cardiac implantables, vision care products, medical equipment, medical surgical products and life sciences tools/diagnostics.</p> <p>How might we identify potential interventions to boost Singapore's MedTech ecosystem and ensure that Singapore can remain globally relevant?</p> <p>(2) Deliverables/ Expectations: As our intern, you will help us: a) Identify and characterise emerging opportunities facing the medical technology sector (eg new R&D areas such as AI-enabled devices, surgical robotics or talent development). b) Study how other global MedTech Innovation hubs are positioning for these opportunities, with a focus on the talent and capabilities required. c) Study the existing talent landscape in Singapore. d) Recommend approaches for Singapore to position itself for these opportunities.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will be exposed to how global developments shape EDB's industry development strategies and efforts. You will also experience working with a diverse group of stakeholders - ranging from other EDB colleagues to external industry and public sector partners to formulate and validate your hypotheses.</p> | Nil |
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| 12 | Healthcare / MedTech | Future of Singapore's MedTech Ecosystem: Resource | <p>(1) Background According to KPMG, the global MedTech industry is expected to grow to US\$800 billion by 2030 at a steady CAGR of 5%. Amidst global headwinds such as rising healthcare cost pressures and shortage of trained clinicians, technologies such as artificial intelligence, robotics, and miniaturized medical devices have significant potential to improve clinical outcomes and cost-effectiveness of care for patient populations.</p> <p>Today, Singapore is a trusted global manufacturing and innovation hub in Asia for many of the world's leading MedTech firms, producing more than S\$18 billion of cardiac implantables, vision care products, medical equipment, medical surgical products and life sciences tools/diagnostics.</p> <p>How might we identify potential interventions to boost Singapore's MedTech ecosystem and ensure that Singapore can remain globally relevant?</p> <p>(2) Deliverables/ Expectations: As our intern, you will help us: a) Identify and characterise emerging opportunities facing the medical technology sector (e.g. new R&D areas such as AI-enabled devices, surgical robotics, or talent development). b) Study how other global MedTech Innovation hubs are positioning for these opportunities, with a focus on the resources required. c) Study the existing resource landscape in Singapore. d) Recommend approaches for Singapore to position itself for these opportunities.</p> <p>(3) Other experiences available to you as part of the internship:</p> | Nil |
| 13 | Healthcare / Pharmbio | Leveraging Social Media to Promote the Lifesciences Industry in Singapore | <p>(1) Background The biopharmaceutical industry in Singapore has grown significantly over the last two decades. For us to sustain the industry's growth, we will need the next generation of talent to see this as an exciting and meaningful career path. Social media is a powerful tool to get the word out, engage students and showcase incredible opportunities in the sector.</p> <p>What's the challenge? How can we use social media to inspire students to pursue life sciences education and careers in Singapore?</p> <p>(2) Deliverables/ Expectations As our intern, you will: a) Analyse successful social media campaigns (globally and locally) that have promoted STEM and/or life sciences education and careers. b) Map out key audience segments (students, parents, and teachers) and their preferred platforms (e.g. Instagram, YouTube, TikTok). c) Create a content strategy and sample posts (including visuals, themes, and messaging) tailored to the Singaporean context. d) Develop a comprehensive social media playbook for the EDB, including recommendations to scale outreach over the next 12 months.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will work closely with the teams within the EDB that are focused on manpower development as well as branding, marketing, and communications. You will also have an opportunity to validate your ideas with stakeholders from the Institutes of Higher Learning in Singapore (e.g. ITEs, polytechnics and universities) and pharmaceutical companies.</p> | Students with Digital marketing background are preferred. |

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| 14 | Healthcare / Pharmbio | Drug Repurposing | <p>(1) Background The traditional drug discovery approach is often long, costly, and fraught with uncertainty and a high failure rate. Over the last few years, there have been increased efforts in repurposing and repositioning of existing drugs or molecules to improve the pace of discovery.</p> <p>Drug repurposing is an alternative strategy that companies have adopted to reduce the time and costs whereby new uses are identified for drugs already approved or under investigation. This is further accelerated with AI and machine learning that allow researchers to sift through vast amounts of data, identify hidden patterns, and generate insights needed for repurposing.</p> <p>(2) Deliverables/ Expectations As our intern, you will</p> <ul style="list-style-type: none"> a) Analyse the different strategies adopted by big pharma and biotechs on drug repurposing. b) Map out the key challenges faced by these companies in drug repurposing. c) Conceptualise potential value capture opportunities for Singapore. d) Recommend approaches for Singapore to position itself for these opportunities. <p>(3) Other experiences available to you as part of the internship: During your internship, you will be exposed to how global developments shape EDB’s industry development strategies and efforts. You will also experience working with a diverse group of stakeholders - ranging from other EDB colleagues as well as external industry and public sector partners to formulate and validate your hypotheses.</p> | Nil |
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| 15 | Hub Strategy | Headquarters Competitive Sensing Analysis | <p>(1) Background Hub Strategy ensures that Singapore remains a competitive destination for companies to set up their global or regional Headquarters (HQs), as part of our strategy to attract investments and maintain a vibrant business eco-system. However, other cities, such as Dubai, Kuala Lumpur, and Bangkok, are also competing with us for HQ investments. This project is to understand the competitive landscape for HQ investments in APAC.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Identify key competitor cities and map out their HQ landscape. b) Identify and assess key government policies and initiatives by these countries/cities to attract HQ investments. c) Assess the competitiveness of these cities vis-a-vis Singapore. d) Make recommendations on what EDB can do to stay ahead of the competition, or partner with these cities for mutual benefit.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the opportunity to join the Hub Strategy team on meetings with key business stakeholders, research institutes, and other government agencies, either in support of this study or other areas of Hub Strategy's work related to HQs, supply chains, and international organisations.</p> | An interest in global and regional developments (reading publications like the Financial Times or the Economist) and a curious and analytical mind. |
| 16 | Industry Manpower Development/ Foreign Workforce | Tech@SG's role in Singapore's Global Tech Competitiveness | <p>(1) Background 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. Tech@SG is a programme launched by EDB and EnterpriseSG to help fast-growing tech companies hire critical talent to grow and scale their businesses.</p> <p>(2) Deliverables/ Expectations As our intern, you will conduct an assessment of the role of Tech@SG in enhancing Singapore's global competitiveness as a tech hub by: a) Conducting a comparative analysis of Singapore's workforce policies with those of other global tech hubs. b) Identifying the key areas where Singapore can strengthen its competitiveness and attractiveness to tech start-ups. c) Developing a strategic marketing plan to increase awareness of Tech@SG to the target audience.</p> <p>(3) Other experiences available to you as part of the internship: 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 EnterpriseSG, MTI, and MOM.</p> | |

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| 17 | Logistics and Supply Chain Management | Singapore's Growing Importance as a Regional Logistics Hub to Global MNCs Amidst Shifts in Global Supply Chains | <p>(1) Background Amidst rising US-China contestation, global companies are increasingly adopting a 'China+1' strategy and expanding their supply chain networks across Southeast Asia (SEA). The flow of goods within Southeast Asia demonstrated continued resilience and growth in 2023. Preliminary data from the ASEAN Secretariat indicates that intra-ASEAN trade reached approximately US\$760 billion in 2023, representing a 6.7% increase from the previous year. In light of this trend, there has been heightened interest from manufacturers and shippers in establishing regional distribution centres (RDCs) in Singapore to serve the flow of goods in Southeast Asia and Asia Pacific. This project aims to conduct a comprehensive study of Singapore's increasing attractiveness as the choice location for global companies to set-up RDCs and to propose recommendations on desirable archetypes of RDCs that Singapore should proactively anchor.</p> <p>(2) Deliverables/ Expectations As an intern, your responsibilities will encompass the following: a) Delineate the key considerations that influence manufacturers and shippers in their selection of RDC locations. b) Develop a comprehensive overview of the industries currently served by Singapore-based RDCs. c) Identify and articulate the unique value propositions that Singapore offers for RDCs. d) Formulate recommendations regarding the types of RDCs and their associated industries that Singapore should prioritise and pursue over the next five years.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the opportunity to engage with multinational corporations (MNCs) in the logistics sector, as well as</p> | Nil |
| 18 | Logistics and Supply Chain Management | Charting the Sustainability Transition Pathway for Singapore's Logistics Sector | <p>(1) Background The logistics and supply chain industry is a critical enabler in global trade which is Singapore's lifeblood. As the world moves towards a more sustainable future, there is an urgent need for the logistics sector to decarbonise its operations, given that it is a significant contributor to the scope 3 emissions of global manufacturers. This project aims to study and analyse the logistics industry's plans to reduce carbon emissions and transition towards more sustainable practices.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Map out the current landscape of decarbonisation efforts in the logistics and supply chain industry; b) Identify key challenges and opportunities in implementing sustainable practices within the sector; c) Develop a comprehensive analysis of various decarbonisation strategies being adopted by leading logistics companies; and d) Recommend potential policy interventions or industry collaborations that could accelerate the decarbonisation process.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have the opportunity to engage with multinational corporations (MNCs) in the logistics sector. You will validate your hypotheses and findings through discussions with these industry leaders, gaining valuable insights into real-world challenges and solutions in logistics decarbonisation. Additionally, you will be exposed to EDB's collaborative efforts with other government agencies involved in this area, such as the Ministry of Transport, the Maritime and Port Authority of Singapore, and the National Environment Agency. This inter-agency collaboration will provide you with a holistic view of Singapore's efforts in promoting sustainable logistics practices.</p> | Nil |

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| 19 | Mobility & Industrial Solutions | Differentiating Technologies in Next-Generation Aircraft Platforms | <p>(1) Background Leading airframe and engine Original Equipment Manufacturers (OEMs) (Boeing, Airbus, GE Aerospace, Rolls-Royce, RTX) are developing their next-generation aircraft and engines, expected to be rolled out in the mid-2030s. These next-generation products are expected to have differentiating technologies including more advanced materials and new propulsion technologies that are more powerful and sustainable. This project studies the differentiating technologies of next-generations platforms and possible implications for Singapore’s aerospace industry.</p> <p>(2) Deliverables/ Expectations Your deliverables are: a) Map out the next-generation aircraft and engine platforms being developed, and their technology roadmaps. b) Identify key differences with current-generations platforms and potential implications on Singapore’s aerospace manufacturing and Maintenance, Repair and Overhaul (MRO) operations and future ambitions. c) Develop ideas on how we can pre-position ourselves to cater to the new platforms, such as by upgrading infrastructure and building up specific capabilities.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have opportunities to engage with and validate your findings alongside leading aerospace companies in Singapore, and be part of a fun team!</p> | Interested students should have interest in the aerospace industry. Having technical knowledge or background is not required for this role. |
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| 20 | Mobility & Industrial Solutions | X-as-a-Service Business Model in Building Automation and Industrial Automation Sectors | <p>(1) Background Smart buildings that are capable of harnessing power from workouts at onsite gyms and lighthouse factories equipped with robotics and machine learning algorithms are no longer just scenes from sci-fi movies.</p> <p>This is made possible in the digital era by Industrial Automation (IA) and Building Automation (BA) companies who are trying to incorporate "digital threads" into hardware and thereby expand their business model beyond manufacturing into X-as-a-Service (e.g. Software-as-a-Service, Cooling-as-a-Service). Leading IA and BA companies do so by building competencies based on existing software platforms such as Johnson Controls' OpenBlue and Rockwell Automation's FactoryTalk Innovation Suite. This study will explore the relevance and value of the X-as-a-Service model and its implications on the IA and BA sectors.</p> <p>(2) Deliverables/ Expectations Your deliverables are:</p> <ul style="list-style-type: none"> a) Map out the attributes of X-as-a Service business model in Industrial Automation and building automation sectors. b) Identify the current industry uptake for X-as-a-Service offerings, gaps and opportunities in the shift towards such offerings c) Develop ideas on how Singapore can pre-position ourselves to capture a larger share of activities arising from the X-as-a-Service business model, such as through capability building and ecosystem partnerships <p>(3) Other experiences available to you as part of the internship: During your internship, you will have opportunities to engage with leading building automation and industrial automation companies, and be part of a fun team!</p> | Nil |
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| 21 | Mobility & Industrial Solutions | Study on Trends and Opportunities in Software-Defined Vehicles | <p>(1) Background The global automotive industry is undergoing a transformation to deliver software-defined vehicles.</p> <p>In the past, vehicle manufacturers differentiated themselves with mechanical features such as horsepower and torque. Today, consumers are increasingly looking for features defined by software (e.g. infotainment, automated driving).</p> <p>The software-defined vehicle is an emerging trend and will continue to evolve over the next decade. This is expected to create more than US\$650 billion of value potential for the global automotive industry by 2030 (Source: BCG).</p> <p>In this project, you will study the latest industry trends and identify areas of opportunity for Singapore to capitalise on.</p> <p>(2) Deliverables/ Expectations Your deliverables are: a) Identify global and regional trends, and map out the value chain of the software-defined vehicle industry; b) Conduct a stock-take of software-defined vehicle activities undertaken by companies in Singapore; c) Identify areas of opportunity in software-defined vehicles for Singapore by assessing economic benefits, competitive advantages against other locations, etc; d) Provide recommendations on how EDB can strengthen Singapore's value propositions to capitalise on the identified areas of opportunity.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have opportunities to engage with leading automotive companies such as Original Equipment Manufacturers (OEMs) and Tier 1 Suppliers, and be part of a fun team!</p> | Nil |
| 22 | New Ventures | Identifying Growth Areas with Strong Deep Tech Venture Building Potential in Singapore | <p>(1) Background Pursuing deep tech is a winning move for Singapore. It allows us to leverage Singapore's strengths in robust IP protection and research excellence to create "deep moats" that position local companies for long-term leadership in critical sectors. It also enhances Singapore's strategic autonomy over the technologies that will power the economy. By adopting a targeted approach to building a critical mass of successful deep tech startups, Singapore can position itself as a global leader in emerging technologies and fuel the next wave of economic growth.</p> <p>In this project, you will recommend key growth areas where Singapore should focus its efforts to build a strong pipeline of globally leading deep tech ventures, driving outsized economic returns.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Conduct a scan to identify emerging growth areas that align with Singapore's industry development strategies and have strong potential for startup activities. b) Map out Singapore's existing landscape and capabilities in these growth areas to evaluate Singapore's right-to-play. c) Recommend key growth areas for Singapore to prioritise in building a critical mass of successful deep tech ventures.</p> <p>(3) Other experiences available to you as part of the internship During your internship, you will gain valuable insights into how EDB seeks to achieve sectoral leadership and drive outsized economic returns for Singapore through building globally leading ventures. You will also have the opportunity to engage with companies and other stakeholders (e.g. venture capital firms, research institutes, government agencies) to validate your hypotheses and findings.</p> | Nil |

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| 23 | Office for Space Technology & Industry (OSTIn) | Outer Space Law and Policy Research | <p>(1) Background Opportunities in space are growing fast. Singapore is exploring many exciting new frontiers, which need to be supported by a flexible regulatory regime and robust public policy and administration.</p> <p>For this project, we will perform a deep dive into international best practices surrounding the creation and enforcement of domestic space regulations, including the delineation of governmental responsibilities over authorisation, continuing supervision and the imposition of liability over damage. You will help strengthen our knowledge bank and shape Singapore's approach towards building an enabling regulatory regime for space activities.</p> <p>(2) Deliverables/ Expectations As our intern, you will: (a) Map out selected countries' domestic regulatory regimes, including the delineation of responsibilities and enforcement practices. (b) Uncover key areas of industry feedback and common challenges in those countries, including learning points for Singapore. (c) Make an assessment of Singapore's potential approaches and timeline towards structuring and enforcing a regulatory regime that provides for authorisation and supervision whilst remaining economically attractive to businesses.</p> <p>(3) Other experiences available to you as part of the internship During your internship, you will have unique opportunities to learn more about Singapore's space ecosystem and engage with space technology, industry, space law and public policy work. You will 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> | Candidates with background or experiences in public policy and administration are preferred. |
| 24 | Office for Space Technology & Industry (OSTIn) / SPIR | Assessing the Economic Opportunities in the Region for Space | <p>(1) Background 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. As our own space industry and ecosystem develops, how do we leverage our burgeoning ASEAN region to boost our economic footprint in the space sector?</p> <p>For this project, we will assess the economic opportunities in the region for space use cases. You will contribute to the wider space industry and international engagement strategy, which will inform and impact the development of the Singapore space ecosystem.</p> <p>(2) Deliverables/ Expectations As our intern, you will: a) Conduct a landscape scan of the ASEAN Member States. b) Identify opportunities where space technology and services can support ASEAN Member States' national priorities. c) Elucidate the role of their respective governments in growing their local space economies, and their openness to space services. d) [If time permits] Assess the competitiveness of Singapore's space economy vis-à-vis these space economies and highlight our key differentiators, as well as opportunities for partnership and collaborative growth.</p> <p>(3) Other experiences available to you as part of the internship:</p> | Candidates with a background in economics, humanities, political science, data science, technology, or engineering, would be preferred, but not essential. |

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| 25 | Office for Space Technology & Industry (OSTIn) / Tech | Leveraging Earth Observation Technologies: Market Analysis and Strategic Opportunities for Singapore in Environmental Sustainability | <p>(1) Background Due to climate crisis, the earth is facing ever increasing environmental sustainability issues. NGOs (e.g., World Economic Forum), IGOs (e.g., World Bank Group), and environmental government agencies are at the forefront of addressing these issues, possessing deep domain knowledge and reach to affected areas. Concurrently, Singapore has developed a budding research and industry ecosystem capable of leveraging Earth Observation (EO) technology to tackle environmental sustainability challenges. OSTIn aims to bridge these two groups, facilitating environmental sustainability impacts while achieving economic objectives through the commercial translation of locally developed capabilities.</p> <p>(2) Deliverables/ Expectations As our intern, you will conduct comprehensive desktop research to do a) Market Analysis: Identify and analyse market opportunities for EO in i) Water resource management, ii) Carbon monitoring and sequestration, iii) Humanitarian Assistance and Disaster Relief (HADR) and iv) Food security and agricultural monitoring b) Capability Assessment: Evaluate Singapore’s current and potential satellite capabilities, including competitive advantages and areas of improvement, focusing on how they can address the identified market needs. c) Strategy Development: Propose commercial translation pathways for Singapore’s EO capabilities</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will be exposed to how EDB works with other government agencies such as MTI and MSE, public research institutes and universities, companies and IGO partners such as World Bank to deliver environmental sustainability impacts for humanity and also achieve our economic building objective.</p> | It will be advantageous if the applicant has a deep interest and knowledge in environmental sustainability issues |
| 26 | Planning | Assessing Singapore's Competitiveness in Attracting Foreign Direct Investment | <p>(1) Background The Planning team sets the strategic direction for EDB’s work by: (i) Determining EDB’s targets and priorities needed to deliver good economic outcomes for Singapore and Singaporeans. (ii) Assessing EDB’s progress on these targets and priorities, and making recommendations on areas requiring further investigation and management attention. (iii) Sensing global and domestic trends that may warrant a review of EDB’s ambitions, strategies, or tactical approaches.</p> <p>We work closely with the senior management team on these issues, and develop content for discussion at key platforms such as management retreats, Board discussions, and our International Advisory Council meetings. Through these activities, we also set the tone for EDB’s internal and external communications, and stakeholder engagement.</p> <p>(2) Deliverables/ Expectations As our intern, you will: 1. Conduct literature searches on Singapore and ASEAN’s ability to attract Foreign Direct Investments in both business press and academic journals to: a) Identify underlying micro- or macro-economic trends that explain our current performance relative to competitors, b) Identify key competitive moves being made by governments in other jurisdictions, e.g. industrial policy, trade policy, skills and talent attraction policies. c) Overall, identify upside/downside risks to future performance.</p> <p>2. From the above, make recommendations (or testable hypotheses that can be validated by data or client engagements) on what EDB should do differently.</p> | 1. All disciplines welcomed but business, data analytics and/or related disciplines preferred 2. Knowledge of R and other econometric / statistical softwares (e.g. Python, SAS, SPSS) preferred 3. Interest or familiarity with the following datasets/publications is a plus: Orbis, fDImarkets, McKinsey Global Institute Research, The Economist, World Investment Report, ASEAN Investment Report, WEF Global Competitiveness Index 4. Strong written/verbal communication skills |

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| 27 | Planning | Assessing Singapore's Returns on Foreign Direct Investment | <p>(1) Background The Planning team sets the strategic direction for EDB's work by: (i) Determining EDB's targets and priorities needed to deliver good economic outcomes for Singapore and Singaporeans. (ii) Assessing EDB's progress on these targets and priorities, and making recommendations on areas requiring further investigation and management attention. (iii) Sensing global and domestic trends that may warrant a review of EDB's ambitions, strategies or tactical approaches.</p> <p>We work closely with the senior management team on these issues, and develop content for discussion at key platforms such as management retreats, Board discussions, and our International Advisory Council meetings. Through these activities, we also set the tone for EDB's internal and external communications, and stakeholder engagement.</p> <p>(2) Deliverables/ Expectations As our intern, you will: 1. Conduct literature searches on the performance of key EDB-promoted sectors in Singapore e.g. Biomedical Manufacturing, Energy & Renewables, Semiconductors, Machinery and Systems, Aerospace, Professional Services, and Infocomms, in both business press and academic journals to: a) Identify underlying micro- or macro-economic trends that explain changes in the benefits accruing to host economies of FDI, b) Analyse the performance of other key Investment Promotion Agencies (IPAs), c) Overall, identify upside/downside risks to EDB's future performance.</p> | <p>1. All disciplines welcomed but business, data analytics and/or related disciplines preferred 2. Knowledge of R and other econometric / statistical softwares (e.g. Python, SAS, SPSS) preferred 3. Interest or familiarity with the following datasets/publications is a plus: Orbis, fDImarkets, McKinsey Global Institute Research, The Economist, World Investment Report, ASEAN Investment Report, WEF Global Competitiveness Index</p> |
| 28 | Professional Services | Study on Emerging Growth Opportunities in Singapore's Professional Services Sector | <p>(1) Background The Professional Services sector plays a key role in the Singapore economy, encompassing a diverse range of services including Accounting, Advertising, Architecture and Engineering Services, Consulting, Design and Legal Services. Beyond its economic contribution, the Professional Services sector serves as a key enabler of business growth and innovation. As the global economic landscape evolves, we seek to strengthen Singapore's position as a leading hub for professional services both regionally and globally.</p> <p>This project aims to identify and analyse emerging trends and market demands that could drive growth in one or more Professional Services subsectors.</p> <p>(2) Deliverables/expectations As our intern, you will be required to: a) Identify and quantify market opportunities and demand in key emerging areas for the Professional Services sector in Singapore, including commonalities in these emerging trends across various Professional Services subsectors. b) Validate opportunities and findings through interviews with Professional Services firms in the relevant subsectors (e.g., consulting firms, engineering services firms, marketing agencies etc). c) Develop recommendations and a roadmap for EDB to capitalise on these emerging areas to grow and/or transform the Professional Services ecosystem.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will gain insights into the diverse range of subsectors within the Professional Services sector. You will also get the opportunity to engage with and validate your findings through interactions with external stakeholders across the various Professional Services</p> | <p>Nil</p> |

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| 29 | Resource and Carbon | Review of International Carbon Pricing Policy | <p>(1) Background The carbon tax in Singapore is currently at \$25 per tonne, adjusted from \$5 per tonne in 2024, with a view to reaching S\$50-80 per tonne by 2030. A transition framework has been introduced to provide allowances to emissions-intensive & trade-exposed sectors to help manage the near-term impact on Singapore’s business competitiveness. To ensure that our carbon tax policy remains relevant while balancing against our economic competitiveness, Singapore will need to understand the evolving carbon pricing policy developments in key competitor jurisdictions.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Conduct a desktop review to assess the impact of carbon tax on the cost competitiveness of Singapore companies and evaluate policy grounds for carbon pricing. b) Develop a repository to capture the carbon pricing policy, carbon pricing levels, and free allocation quantities in key jurisdictions. c) Provide a preliminary assessment and recommendation on the carbon pricing trajectory for 2030 and beyond, factoring in cost competitiveness with other jurisdictions. d) Perform a desktop review on the appropriateness of benchmarking methodologies implemented for other sectors outside of the refineries and crackers sectors.</p> <p>(3) Other experiences available to you as part of the internship: During your internship, you will have opportunities to engage with key industry players and government agencies such as MTI, MOF, MSE, NCCS and NEA, for first-hand insights into carbon pricing policy.</p> | Nil |
| 30 | Resource and Carbon | Review of Incentive Toolkit for Supporting Industry's Decarbonisation Initiatives | <p>(1) Background Singapore is aiming to reduce emissions to around 60 MtCO₂e by 2030 after peaking emissions earlier, and to achieve net zero by 2050. EDB currently administers three schemes to support implementation of energy efficient, emissions reduction projects to support industry's decarbonisation initiatives. To ensure that our incentive suite remains relevant and addresses companies' needs in their decarbonisation journey, we need to understand the evolving incentive mechanism landscape globally, especially in key competitor jurisdictions.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Conduct a desktop review on incentive schemes in other jurisdictions and seek companies' feedback on support required to drive decarbonisation initiatives. b) Collaborate with internal stakeholders to understand policy considerations and industry gaps. c) Review ECA and CPA reporting requirements to rationalise their use to drive greater energy efficiency efforts. d) Develop an emissions reduction project pricing dashboard by type of equipment, sub-sector, and abatement tier for project evaluation reference. e) Provide a preliminary assessment and recommendation on incentive mechanisms that can be introduced in Singapore.</p> | Nil |

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| 31 | Resource and Carbon | Study on the Resource-Take of Low-Carbon Energy Technologies | <p>(1) Background As part of the diversification of Singapore's energy mix, EMA/MTI is currently exploring low-carbon energy technologies to ensure we are ready to harness them if they become technically and commercially viable in the future. This project seeks to understand the physical resource-requirements of deploying low-carbon energy technologies, to support the pursuit of low/net-zero energy pathways.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to: a) Conduct desktop research, as well as interview companies and external stakeholders to understand the scale, types of applications for nuclear, geothermal technologies in the Singapore context; b) Evaluate the physical resource-take from the adoption of low-carbon energy applications; c) Propose metrics for projecting the physical resource requirements of low-carbon energy technologies; d) Develop and propose policy measures/incentives to encourage effective resource utilisation.</p> <p>(3) Other experiences available to you as part of the internship During your internship, you will have opportunities to engage with companies and government agencies such as MTI/EMA, for first-hand insights into the developments of low-carbon energy technologies and resource planning.</p> | Nil |
| 32 | Resource and Carbon | Study on Industrial Space | <p>(1) Background To attract investments into Singapore, our industrial estates must continue to be spaces that meet the changing requirements of the industrial sector. This project aims to identify how EDB can work with stakeholders to ensure that our industrial space offerings to potential investors remain relevant.</p> <p>(2) Deliverables/expectations As our intern, you will be required to: a) Collate a repository of existing industrial space across JTC and private developers. b) Develop the space requirements for key archetypes of companies through stakeholder engagement. c) Assess the suitability of space for different company archetypes. d) Propose structured arrangements and processes with JTC and private developers to market existing industrial space. e) Propose new developments that JTC can build, including specifications and desired tenant profiles.</p> <p>(3) Other experiences available to you as part of the internship During your internship, you will have opportunities to meet with other government agencies dealing with industry development and land planning such as JTC.</p> | Nil |

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| 33 | Resource and Carbon | Study on Resource Needs to Support Singapore's Economic Ambition | <p>(1) Background In order to attract investments into Singapore, we need to ensure that there are adequate resources available to support our growth ambitions and economic strategy. This project seeks to review the projection methodology, indices and parameters used for resource and infrastructure planning to support the growth of our installed base and new investments.</p> <p>(2) Deliverables/ Expectations As our intern, you will be required to:</p> <ul style="list-style-type: none"> a) Analyse the resource usage of our manufacturing sub-sectors/entities based on historical activity/consumption. b) Identify specific sectors/types of manufacturing activity/operations with high and/or increasing resource take and propose policy measures/incentives to encourage effective resource utilisation. c) Conduct desktop research, as well as consult stakeholders to identify and propose potential resource metrics/indices based on project archetypes/types of manufacturing activity/operations. d) Identify factors that will influence resource take, e.g. energy/carbon efficiency technology, water recycling rate, and propose ways to incorporate these factors in the resource projections e) Develop a template/spreadsheet to allow the computation of resource take for various scenarios of our economic growth/planning <p>(3) Other experiences available to you as part of the internship During your internship, you will have opportunities to understand the relationship across cross-functional resource domains and to meet with other government agencies dealing with utilities and infrastructure planning, such as JTC/EMA/ PUB.</p> | Nil |
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