

Division/Department	Job responsibilities	Field of study
(IN) International	Singapore will host the 1st General Assembly (GA) of the International Organization for Marine Aids to Navigation (IALA) in 2024/2025, and will also be running for IALA Council. The intern will support the Division's preparations for the hosting of high-level government representatives at the 1st GA, as well as Singapore's campaign for our IALA Council candidature, including the lobbying of the IALA National Members, in the run up to the IALA Assembly.	Communications, Global Studies, International Relations; relevant experience in event management and planning will be helpful.
(IN) International	Singapore has been working with countries and stakeholders on the development of green and digital shipping corridors (GDSCs) to catalyse the decarbonisation of shipping. The intern will support the Division's engagement of potential partners for the GDSC, including conducting research on the capabilities of these partners in the areas of sustainability and digitalisation, their connectivity to ports all over the world and other analyses to support MPA's assessment.	Research and Analysis; Communication; Political Science; Global Studies; Maritime Studies; Sustainability.
(MST) Maritime Systems and Technology / (PSCD) Port Systems Capability Development	Explore, carry out and support projects in focus areas such as C2 Systems, video technology, drone & unmanned technology, and wireless connectivity in the maritime industry. 1) The intern will gain exposure to new technologies in the maritime industry and how they can be implemented for live and future operations. 2) The intern will gain hands-on experience and assist in carrying out technical trials, POCs and feasibility studies for these technologies. 3) The intern will gain valuable insights into MPA's current and future port operations.	Electrical and Electronics Engineering; Computer Engineering

(MST) Maritime Systems and Technology / (PSOS) Port Systems Ops & Support	1) Apply electrical and electronic engineering principles to support project work. The intern will have opportunities to contribute innovative ideas and be involved in Port Systems project. 2) Assist in managing critical port systems that support MPA's live vessel traffic management operations. The intern will be able to gain hands-on experience and valuable insights into MPA's critical port operations. 3) The intern will be given the opportunity to familiarise with systems management concepts and be involve in the transformation of maintenance management for port systems. He/She will be exposed to data analytics and sensemaking of rich historical data sets.	Electrical and Electronics Engineering; Computer Engineering
(C&C) Communication and Community / (CMD) Content & Marketing	The intern will be required to assist the CMD Team in the following: · Assist in content curation and production of assets for social channels and creatives in line with social strategy · Work with team to conceptualise and execute social content, photoshoots, video shoots and post-production · Participate in brainstorming session/discussion to improve delivery of content on social platforms · Provide administrative support · Track, monitor and understand content performance through insights and analytics <u>Social Media Campaign</u> - Contribute ideas and ensure success of the campaign - Assist with content creation <u>Video production</u>	Preferably in comms, marketing, graphic design, digital media, Visual Comm, video production · Well verse in content creation for Social Media channels (e.g. Instagram, TikTok, Facebook) · Well verse in using video production software

	- Assist with production of videos highlighting MPA's key narratives	
(C&C) Communication and Community / (CCD) Corporate Communications	<p>The candidate will be part of a team which drives media publicity for MPA and Maritime Singapore. He/she will assist the team to strategise, develop and execute a wide range of communication plans and activities to promote Singapore as a premier global hub port and an international maritime centre, and to advance and safeguard Singapore's strategic interests.</p> <p>The roles and responsibilities for the candidate include assisting officers in:</p> <ul style="list-style-type: none"> - Media cultivation, crisis communication, drafting of media releases, speeches, responses, social media blurbs, talking points and Q&As - Organising media briefings, working on feature stories, news monitoring, esp for Maritime events such as the Singapore Maritime Week 2024, etc. - Organise engagement activities for media and industry partners 	The candidate should preferably be in the field of Study in Communications, Marketing, Media Relations or Journalism. He/she must also be a team player who possesses excellent interpersonal and strong oral and writing skills, and is able to handle pressure under tight deadlines.
(C&C) Communication and Community / (CEPD) Community Engagement	<p>Job Description:</p> <ul style="list-style-type: none"> • You will be part of a team to drive public engagement efforts for various audience, including public, students, youths, young adults, educators, mid-career PMETs, and also other interest groups. • You will be involved in the work to strategise, develop and execute outreach initiatives to raise awareness of Singapore's role as a global hub port and an international maritime centre, and engender public affinity for maritime in general, in 	Maritime studies, design, mass communications marketing

	<p>support of the broader talent agenda for Maritime Singapore.</p> <ul style="list-style-type: none"> • You will be involved in curating various engagement initiatives such as maritime guided tours, maritime outreach fund, workshops and exhibitions. You will also develop the Singapore Maritime Gallery as a key focal point to enthuse students and public at large about Maritime Singapore. • In the execution of these initiatives, together with the team, you would work closely with other MPA divisions and departments, external stakeholders and vendors, forging and strengthening partnerships with relevant community interest groups and stakeholders to extend reach to the various target audiences. <p>Projects and respective deliverables are subject to when interns join the team. Possible deliverables in 2024 include:</p> <ol style="list-style-type: none"> a. Public Engagement Events: To support the team in organising outreach events and activities during Singapore Maritime Week in April and other events. b. Maritime Outreach Fund: To market and seek collaboration with the community through innovative and engaging projects that inspire and cultivate public's interest and affinity in Singapore's maritime industry. c. Singapore Maritime Gallery (SMG): To support with the event planning and execution of the official opening event for SMG and other ad-hoc projects. d. Singapore Maritime Guided Tours: To support in liaising with different department for new tour content, vetting of 	
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	new scripts and to attend training and evaluation of new tour guides.	
(C&C) Communication and Community / Research & Planning	<p>Deliverables will depend on the period when the intern joins SCD team. The intern will assist the team in the following workstreams:</p> <ul style="list-style-type: none"> - Monitor and conduct data/ statistical analysis of news coverage and online sentiments - Research and data analytics for MPA workstreams - Scanning of hot topic issues and ground sentiments - Deliver insights reporting and utilise visualisation tools to recommend sound communications strategies; - Conduct timely focus group studies and commission public perception surveys; and Conduct Campaign Analysis and Surveys 	Research; Digital and data analytics; Data science
(ITD) Infotechnology / (ESD) Enterprise Systems Development	<p>Today MPA operates a Product Engineering Team (PET) which focuses on in-house development and maintenance of sectoral and enterprise applications. The Product Engineering Team comprises of 7 core competency centers namely Application Security, DevSecOps Engineering, Cloud Engineering & Operations, Quality Assurance, Software Development and UI/UX Design.</p> <p>As a member of the PET, you will get to experience being a full stack developer and work closely with members from different competency centers to deliver IT solutions for both internal and external stakeholders. You will be involved in the Agile development lifecycle and work on projects such as Port Traffic Management System (PTMS), Single Window for Facilitation of Trade (SWiFT), etc. Depending on the project, you will get to develop applications using different programming languages and frameworks such as Java, .NET Core, NodeJS, React JS, React Native and many more. You will</p>	Data Analytics, Computer Science

	also be exposed to MPA enterprise collaboration tools as Azure DevOps Center for code-base management and Sharepoint for documents sharing.	
(SDSD) Statistics & Data Systems / (SDS) Statistics & Data Systems	<ol style="list-style-type: none"> 1. Data studies and modelling, such as <ol style="list-style-type: none"> a. Harbourcraft travel pattern study - profile the travelling pattern (such as average travelling distance per day, average speed, locations most visited) of selected harbourcrafts to aid in determining the battery capacity/charging points required. b. Vessel Position Data Modelling – continue the work of previous intern to study and profile the vessel position dataset to enable the effective use and selection of appropriate data fields to support the various purposes in the identified use cases. This entails documenting the knowledge in the data dictionary and developing and implementing strategies for data selection for effective data sharing. 2. Explore and prototype using AI / ML techniques or tools, such as <ol style="list-style-type: none"> a. using LLMs for entity extraction (such as names, addresses), clustering and topic modelling b. Document AI and Marine Incidents AI 3. Others <ol style="list-style-type: none"> a. Assist in survey operation, including survey questionnaire construction, responding to respondent query, update FAQ b. Prepare data dictionaries for datasets (eg ship registry, port pairs, maritime census) for sharing in MPA Data Exchange (MEX) and Tableau c. Dashboard Development - work with partner Div to leverage Tableau to produce a dashboard for reporting and discovery of insights. 	Data Analytics, Computer Science
(SDSD) Statistics & Data Systems /	<ul style="list-style-type: none"> • Work with different divisions and stakeholders to identify problems that require data-driven solutions and ways to 	Statistics, Business, Economics, Maritime Studies

(SDS) Statistics & Data Systems	<p>obtain the required data via industry surveys or administrative sources.</p> <ul style="list-style-type: none"> • Develop appropriate and relevant survey questions that can be answered using data to provide future-facing insights, implications, and recommendations for maritime policy formulation. • Conduct a comprehensive research and analysis to gather data and information needed to answer the questions identified. • Analyse data using statistical and data visualization tools to develop insights and recommendations. • Communicate findings and recommendations to stakeholders in a clear and concise manner. • Collaborate with other team members to ensure that project timelines and deliverables are met. 	
(BCD) Business Capability Development / BCD Director Office	<p>The Business Capability Development Division is part of the dynamic team that spearheads Singapore's growth and development as a leading International Maritime Centre. The team enhances Maritime Singapore's competitiveness by facilitating maritime companies' efforts to build manpower, business and productivity capabilities. It also works towards the key purposes of safeguarding Singapore's maritime tax competitiveness.</p> <p>The internship projects will cover the following areas:</p> <p><u>Tax</u></p> <ul style="list-style-type: none"> - Research on maritime leasing schemes, tonnage tax regimes, etc. - Audit of self-declaration forms for withholding tax exemption - Assist on Substantial Activity Requirement Survey of 	Accountancy / Business, with IT/data analytics background

	<p>companies</p> <ul style="list-style-type: none"> - Assist with post-implementation review of incentive schemes <p><u>Grants</u></p> <ul style="list-style-type: none"> - Evaluation of grant schemes to assess effectiveness and value-for-money <p><u>Others</u></p> <ul style="list-style-type: none"> - Streamline / enhance existing internal processes and workflows (e.g. automation of BAU processes, updating of info/ knowledge management) <p>The intern will be expected to:</p> <ul style="list-style-type: none"> - work with project teams to assist with research and assigned project tasks as well as provide key insights/ findings, draft deliverables, suggestions and feedback. - engage companies independently on audits and surveys, with guidance from project leads. 	
Legal	<p>A legal internship with us will provide you with the opportunity to gain insight into the life of a legal counsel with a statutory board that is at the forefront of advancing and promoting Singapore as a premier global hub port and an international maritime centre, and safeguarding Singapore's strategic maritime interests.</p> <p>You will work closely with our lawyers, and wrestle together with us on the legal issues we encounter from day to day that have implications on our policies and operations. Work you may be tasked with include legal research, reviewing and making legal recommendations on policy and operational matters, and reviewing and drafting legal documents including</p>	Law

	<p>legislation, regulatory documents and forms, and contracts.</p> <p>Through this internship, you will not only gain practical exposure to the operation of administrative, constitutional and international law, you will also have a hand in shaping our policy and operational positions and will see first-hand how your legal skills can contribute to Singapore's strategic interests.</p> <p>You will also have a front row seat in observing how Government works to achieve strategic objectives across different public agencies, and how the Government collaborates with industry to deliver solutions.</p>	
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