

## HIT Summer Internship 2025

Department	Job Duties	Requirements	Number of Vacancies	Expected Duration	Other (if any) e.g. working hours, allowances, work location etc.
Engineering	<b>1. <u>Facility Management</u></b> <ul style="list-style-type: none"> <li>• Study on power supply for future expansion of electric equipment</li> <li>• To review HIT power distribution network and electrical load profile</li> <li>• To learn the work principle of current energy storage system</li> <li>• To measure the power consumption and peak load as necessary</li> <li>• To study the potential/ strategy on reducing the company peak load</li> <li>• To address power reallocation plan for future development</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Engineering</li> <li>• University courses under HK Qualifications Framework</li> <li>• Written and spoken English, Cantonese and Mandarin</li> <li>• Microsoft Office, AutoCad are preferred</li> <li>• Single line diagram reading skill, good communication and presentation skill</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0800-1700 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>

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Engineering	<p><b>2. <u>Crane Projects</u></b></p> <ul style="list-style-type: none"> <li>• Spreader conversion from analog cameras to digital cameras</li> <li>• Understanding of crane operation workflow and principle in container terminal</li> <li>• Daily crane performance monitoring</li> <li>• Mini-project handling</li> <li>• Participating in communication with contractors</li> <li>• Test and commissioning</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical/ Automation Engineering</li> <li>• University courses under HK Qualifications Framework</li> <li>• Written and spoken English, Cantonese and Mandarin</li> <li>• Microsoft Office, AutoCad, Solidworks, C++ are preferred</li> <li>• Single line diagram reading skill, good communication and presentation skill</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0800-1700 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>

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Engineering	<p><b>3. <u>Quay Cranes (QC)</u></b></p> <ul style="list-style-type: none"> <li>• <b>QC boom to vessel anti-collision system</b></li> <li>• Understanding of the operating principles for QC boom to vessel anti-collision system</li> <li>• Learning installation requirement for mounting the 2D scanners on the QCs</li> <li>• Require hands-on assistance in the installation of 2D scanners on the QCs</li> <li>• Conduct operation tests to verify the functionality of the 2D scanners and anti-collision system</li> <li>• Develop maintenance procedures and workflows for QC boom to vessel anti-collision system</li> </ul>	<ul style="list-style-type: none"> <li>• Mechanical/ Automation Engineering</li> <li>• Students from local or overseas universities are welcome</li> <li>• Good command of written and spoken English and Chinese</li> <li>• Microsoft Excel Marco, AutoCad and Solidworks, etc</li> <li>• Good analytical, communication and interpersonal skill</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0800-1700 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>

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Engineering	<p><b>4. <u>Rubber-tyred Gantry Cranes (RTGC)</u></b></p> <ul style="list-style-type: none"> <li>• Benefit evaluation of battery mode hybrid system on RTGC</li> <li>• To learn the working principle of exiting conventional hybrid system on RTGC</li> <li>• To learn the working principle of new battery mode hybrid system on RTGC</li> <li>• To learn about the fuel consumption concept on RTGC operation</li> <li>• To measure the fuel consumption of RTGC</li> <li>• To study the benefit of using new battery mode hybrid system against the conventional hybrid system</li> <li>• Further improvement plan to be advised</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Engineering</li> <li>• University courses under HK Qualifications Framework</li> <li>• Written and spoken English, Cantonese and Mandarin</li> <li>• Microsoft Office</li> <li>• Single line diagram reading skill, good communication and presentation skill</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0800-1700 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>

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Engineering	<p><b>5. <u>Rail-mounted Gantry Cranes (RC)</u></b></p> <ul style="list-style-type: none"> <li>• Optimization of a Battery Energy Storage System (BESS)</li> <li>• Evaluate and optimize container battery energy storage systems (BESS) as follows: <ul style="list-style-type: none"> <li>- High voltage power room access management</li> <li>- Battery fire protection system maintenance</li> <li>- Battery and drive unit colling system review</li> <li>- Study the possibility of reducing the maximum demand charge</li> <li>- Improve system response time</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Engineering</li> <li>• No preference</li> <li>• Chinese/ English</li> <li>• AutoCad</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0800-1700 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>

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Operations	<b>1. <u>Process Excellence – Terminal Development</u></b> <ul style="list-style-type: none"> <li>Participate in preparing feasibility study on the application of green energy in terminal operations</li> <li>Assist in internal asset audit for the Operations Department</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor's in Engineering, Operations Management, Operations Research, Environment, Sustainable Energy or other related disciplines</li> <li>Chinese/ English</li> <li>MS Office</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>\$370 per day</li> <li>Working hours: 0830-1730 (Mon – Fri)</li> <li>Working location: Kwai Chung</li> <li>Subsidized canteen and company bus provided</li> </ul>
	<b>2. <u>Process Excellence – Operations Development</u></b> <ul style="list-style-type: none"> <li>Assist in organizing information to compile manual for terminal operation systems</li> <li>Help organize user acceptance testing of system solutions for quality assurance</li> <li>Assist with data analysis, taking meeting minutes, report writing, and participating in team meetings and workshops</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor's in any disciplines</li> <li>Chinese/ English</li> <li>MS Office</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>\$370 per day</li> <li>Working hours: 0830-1730 (Mon – Fri)</li> <li>Working location: Kwai Chung</li> <li>Subsidized canteen and company bus provided</li> </ul>

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Safety & Security	<ul style="list-style-type: none"> <li>Help organize safety promotion programs</li> <li>Support in preparing accident / incident statistics, inspection summary reports, weekly and monthly reports</li> <li>Participate in organizing safety &amp; security drills / exercise</li> <li>Assist in delivering safety briefing to workers</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor's in Occupational Health &amp; Safety or other related disciplines</li> <li>Chinese/ English</li> <li>MS Office</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>\$370 per day</li> <li>Working hours: 0830-1730 (Mon – Fri)</li> <li>Working location: Kwai Chung</li> <li>Subsidized canteen and company bus provided</li> </ul>

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Group Corporate Affairs	<ul style="list-style-type: none"> <li>Assist in organizing Environmental Awareness Committee's activities</li> <li>Help to work out a simple project plan for 2026 Go Green Campaign</li> <li>Conduct sustainability related media research</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor's in any disciplines</li> <li>Chinese/ English</li> <li>MS Office</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>\$370 per day</li> <li>Working hours: 0830-1730 (Mon – Fri)</li> <li>Working location: Kwai Chung</li> <li>Subsidized canteen and company bus provided</li> </ul>

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Human Resources	<p><b><u>Organisation and Management Development</u></b></p> <ul style="list-style-type: none"> <li>• <b>Support Global Initiatives:</b> Assist in the design, marketing, promotion, implementation, and operational support of sustainability, health &amp; well-being, and D&amp;I projects, including onsite and virtual activities rolled out to employees worldwide.</li> <li>• <b>Research and Data Analysis:</b> Conduct research, data consolidation, charting, and reporting on existing talent development and leadership projects to assess their impact and effectiveness.</li> <li>• <b>Evaluation and Reporting:</b> Perform follow-up evaluations, data analysis, and reporting to measure the success of initiatives and provide actionable insights to the management.</li> <li>• <b>Ad Hoc Duties:</b> Undertake additional tasks as assigned to support the team's objectives and operational needs.</li> </ul>	<ul style="list-style-type: none"> <li>• Bachelor's in Psychology, Business (Marketing, HR, Information Systems), Data Management, or a related field.</li> <li>• Willingness to learn, positive attitude, responsiveness, organised and meticulous.</li> <li>• Fluent in written and spoken English.</li> <li>• Proficiency in Microsoft Office (Word, Excel, PowerPoint); experience with video editing software (e.g. Canva) and data processing applications (e.g., Power Automate) is a plus.</li> <li>• Strong data analytic capabilities with an ability to interpret and present findings effectively.</li> </ul>	1	16 June, 2025 to 8 August, 2025	<ul style="list-style-type: none"> <li>• \$370 per day</li> <li>• Working hours: 0830-1730 (Mon – Fri)</li> <li>• Working location: Kwai Chung</li> <li>• Subsidized canteen and company bus provided</li> </ul>



