

Project Code	BS_SAND_01	
Project Details	Internship Period	June 2024 to May 2025
	Preferred Disciplines	First Preference: <ul style="list-style-type: none"> • Supply Chain/Logistics Management Second Preference: <ul style="list-style-type: none"> • Business
	Project Name	Procurement Process Simplification and Data Analytics Project
	Business Objective(s)	<p>The intern will play a crucial role in supporting the Centre of Excellence (CoE) function in the Commercial & Supply Chain Management (CSCM) department. The key business objectives of the CoE team in 2024 is to ensure the CSCM team is well prepared for the migration of ERP procurement system to Oracle in various aspects, such as end-to-end procurement process/governance redesign, data migration, and technical training. This is a unique, hands-on opportunity and experience to understand how a large corporate migrates to a new Enterprise Resources Planning system that is critical to the CLP organization in delivering the "Utility of the Future" strategy.</p> <p>By working in this project, the intern should expect to learn/enhance the following capabilities which will be very helpful for their future career development:</p> <ul style="list-style-type: none"> • Ability to understand viewpoints of different people and how to facilitate a group to reach consensus by weighting against different pros and cons • Managing a business project with multiple priorities and tight timeline • Applying their numerical and analytical skills to solve real-world business problems
	Project Description	<p>The intern will be responsible and participate in the following major scope of tasks under the guidance of the mentor and other colleagues:</p> <ul style="list-style-type: none"> • Revamp and simplify the existing supply chain/procurement processes in CLP based on the functionality and best-practice of the future ERP system (e.g. documenting the new processes using swim-lane) • Liaise with different internal stakeholders to gather their operational requirements and obtain alignment on the future processes (e.g. coordinate meetings and capture key feedback in written format) • Prepare and conduct a fit-for-purpose data migration exercise by analysing historical procurement data and future data requirements which is one of the critical activities of ERP implementation in 2024 for CSCM team. (e.g., support data cleansing activities per ERP team's requirements)

		<p>To give additional exposure to the intern, the intern will also support the team on several other tasks such as:</p> <ul style="list-style-type: none">• Departmental training and events coordination• Departmental staff engagement activities• Departmental Intranet content updates
	Required Skills	<ul style="list-style-type: none">• Good communication and coordination skills• Willing to challenge status quo and current practice• Strong analytical skills with experience in using MS Excel (e.g. vlookup)• Prior exposure to Design Thinking methodology is preferred

Project Code	BS_SAND_02	
Project Details	Internship Period	June 2024 to May 2025
	Preferred Disciplines	First Preference: <ul style="list-style-type: none"> • Business Second Preference: <ul style="list-style-type: none"> • Engineering
	Project Name	Fuel Management Portal
	Business Objective(s)	<ul style="list-style-type: none"> • Design information portal or reporting platform to facilitate fuel management and procurement • Deliver critical fuel and market information to management and major stakeholder to facilitate business decision
	Project Description	<ul style="list-style-type: none"> • Support the development, roll-out and maintenance of a new IT system for fuel management • Design/develop information portal or reporting platform to facilitate fuel management and procurement (such as using Power BI/Power Automate to develop various reports based on digitalized information in new ICMS or from market research) • Conduct market study and research to deliver critical market information on fuel supply and pricing trends. • Support fuel supply managers on fuel management and procurement
	Required Skills	<ul style="list-style-type: none"> • Critical and analytics mindset • Market research and statistical analysis skills • Project management skill • Good interpersonal skill • Knowledge of Power BI, Power Automate and Portal Development is an advantage

CLP Internship Programme 2024

Project Outline: Sandwich - Business

Project Code	BS_SAND_03	
Project Details	Internship Period	June 2024 to May 2025
	Preferred Disciplines	<ul style="list-style-type: none"> • Business • Supply Chain
	Project Name	Indirect Procurement Support
	Business Objective(s)	<ul style="list-style-type: none"> • Support procurement activities e.g., tender preparation, etc. • Support the maintenance of procurement records and documentation
	Project Description	<p>The intern will support the team in the following areas:</p> <ul style="list-style-type: none"> • Support the maintenance of procurement records and documentation in accordance with CLP's policies • Collaborate with departments to understand their procurement needs • Analyse spend data to identify opportunities • Engage in continuous improvement initiatives • Other ad-hoc tasks based on team's priorities
	Required Skills	<ul style="list-style-type: none"> • MS Office • Good communication skills • Knowledge of ERP and e-procurement is an advantage

Project Code	BS_SAND_04	
Project Details	Internship Period	June 2024 to May 2025
	Preferred Disciplines	First Preference: <ul style="list-style-type: none"> • Engineering Second Preference: <ul style="list-style-type: none"> • Business
	Project Name	Transmission and Distribution Supports and Improvements
	Business Objective(s)	<ul style="list-style-type: none"> • Collect market insights on equipment, suppliers information, market trends etc. • Monitoring of latest market development, commodity price fluctuation etc. • Inventory Analysis and reporting enhancement • Procurement activities support • T&D admin work and data support
	Project Description	The intern will support the team on the following areas: <ul style="list-style-type: none"> • Market research to collect latest market information, supplier information etc. on T&D category • Enhancing current inventory management practice • Data analytics skills to enhance current practice • Bring in new ideas on data management • Other support on the team's priority tasks
	Required Skills	<ul style="list-style-type: none"> • Power BI, MS Office • Data Analytics

Project Code	BS_SAND_05	
Project Details	Internship Period	June 2024 to May 2025
	Preferred Disciplines	First Preference: <ul style="list-style-type: none"> • Business Second Preference: <ul style="list-style-type: none"> • Engineering
	Project Name	Generation Procurement Supports and Improvements
	Business Objective(s)	<ul style="list-style-type: none"> • Demand analysis and procurement supports, e.g. generation parts and spares • GPCS admin work & data support • Data maintenance of CPMS for new NEC contracts
	Project Description	<p>The intern will support the team in the following areas:</p> <ul style="list-style-type: none"> • Procurement process for stock purchase • Suggests insight in efficient and innovative procurement • Analysis of demand and supply data for report and presentation • Coordination with users and suppliers • Other support on the team's priority tasks
	Required Skills	<ul style="list-style-type: none"> • MS Office • Data Analytics • Knowledge on ERP system will be an advantage

CLP Internship Programme 2024

Project Outline: Sandwich - Business

Project Code	BS_SAND_06	
Project Details	Internship Period	July 2024 to August 2025
	Preferred Disciplines	First Priority: <ul style="list-style-type: none"> • Data Science Second Priority: <ul style="list-style-type: none"> • Computer Science
	Project Name	Audit Data Search and Reporting
	Business Objective(s)	Design data lake for Internal Audit and develop search / reporting functions.
	Project Description	<ul style="list-style-type: none"> • Study and design a data lake for Group Internal Audit data storage • Develop user-friendly data search functions • Develop audit report and presentation GUI • Automate audit process and develop database for audit program using SharePoint, Power Automate and Python programming
	Required Skills	<ul style="list-style-type: none"> • Data management • Data query • Reporting

Project Code	BS_SAND_07	
Project Details	Internship Period	June 2024 to June 2025
	Preferred Disciplines	<ul style="list-style-type: none"> • Data Science • Business Analytics • Mathematics • Statistics • Or related discipline
	Project Name	Projects in support Smart city transformation and data product
	Business Objective(s)	<p>The intern will assist in exploring latest technology (e.g. Knowledge of Large Language Models (LLMs) and Artificial Intelligence (AI) and apply machine learning models to build innovative products to support HK's transformation into a smart city.</p> <p>CLP Power Hong Kong Limited (CLP Power) has installed two million smart meters for more than 70% of its customers since 2018 to further enhance the safety and reliability of power supply and encourage its customers to embrace low-carbon living. Smart meter data enables better customer insight and support the development of data products and value added services to customers.</p> <p>Aimed the intern to bring fresh insights and technical knowledge acquired from their academic background to the team and apply it to upcoming projects. This contribution aims to support the transformation that ultimately result in a better quality of life for residents. By applying their expertise gained from academic studies to real business cases at CLP, the intern will have the opportunity to equip new skills related to various aspects of new product design, such as functionality, usability and accessibility. Additionally, they will gain exposure to data visualization techniques, gain insights into customer behaviour and develop statistical and analytics skills.</p>
	Project Description	<ul style="list-style-type: none"> • Provide technical expertise and guidance to the team, sharing knowledge and best practices related to LLM, AI models, machine learning, and advanced statistics. • Assist in applying LLM / AI models, machine learning models, advance statistics or latest technologies to build innovative products for real-life customer and business problems. • Apply machine learning models to analyze large datasets and extract valuable insights, enabling data-driven decision-making for improved customer experiences and business outcomes. • Apply advanced statistical methods to identify patterns and trends, helping to uncover hidden opportunities and optimize processes within the organization.
	Required Skills	<ul style="list-style-type: none"> • Knowledge of business statistics • Knowledge of Python programming

		<ul style="list-style-type: none">• Knowledge of Tableau, PowerBI or other BI tools• Knowledge of LLM / AI models, machine learning model• Good communications skill
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