Company Name:	Asa Robotics Limited
Posting Date:	9 May 2024
Category:	ITC STEM Internship Scheme
Company Overview:	Asa Robotics Limited (ASA) is a pioneering robotics startup offering vendor-independent robotic management platforms and AI-based data analysis services to enterprises, property management agencies, and government organizations. Founded in 2021 as a spin-off from City University of Hong Kong (CityU), ASA is backed by HKTech300 Angel Fund, CityU TSSSU, SEED, and HKSTP incubation program simultaneously. Our team comprises highly skilled professionals with engineering backgrounds, and our technical advisors are renowned professors from CityU and the Centre for Artificial Intelligence and Robotics at the Hong Kong Institute of Science & Innovation, Chinese Academy of Sciences. We are committed to achieving our vision of connecting and optimizing robotic applications to provide intelligent and innovative solutions.
Company Website:	www.asa-robotics.com
Position/Title:	Electronic Engineer Internship
No. of vacancy(ies):	1
Proposed Internship Duration:	89 Days
Job Description & Requirements:	Job Description: We are seeking an enthusiastic and detail-oriented Electronic Engineering Intern to join our robotic startup and contribute to the development of cutting-edge electronic systems for our healthcare and silver hair industry solutions. As an Electronic Engineering Intern, you will work closely with our experienced engineering team to design, test, and optimize electronic circuits and components integration for our robotic systems. Job Requirements: - Assist in the design and development of electronic circuits and systems, with a focus on the bed-mounted robotic cat. - Collaborate with the engineering team to create schematic diagrams and PCB layouts. - Support the prototyping and assembly processes, ensuring proper integration and functionality of electronic components. - Perform testing and troubleshooting of electronic circuits, identifying and resolving any issues or malfunctions. - Assist in the selection and sourcing of electronic components, considering factors such as cost, availability, and performance. - Collaborate with cross-functional teams, including mechanical and software engineers, to ensure seamless integration of electronic systems. - Document and maintain accurate records of circuit designs, test results, and project progress. - Stay updated with the latest advancements in electronic engineering and propose innovative solutions to enhance our products. Job Requirements - Currently pursuing a degree in Electronic Engineering, Electrical Engineering, or a related field. - Solid understanding of electronic principles, circuits, and components. - Proficiency in electronic design software (e.g., Altium, Eagle) for schematic capture and PCB layout. - Familiarity with circuit simulation tools (e.g., LTspice, PSpice) is a plus. - Experience with PCB prototyping and assembly techniques.

	- Knowledge of embedded systems and microcontrollers is desirable. - Strong problem-solving skills and the ability to analyze and troubleshoot electronic circuits. - Excellent communication and teamwork skills to collaborate effectively with cross-functional teams. - Prior experience or projects related to robotics, healthcare electronics, or IoT is a plus but not required.
Internship Period:	Summer Term 2024 Full-time placements with a duration of no less than 4 consecutive weeks (28 calendar days)
How to Apply:	**Please read the [application guidelines](#) to ensure that you could fulfill the scheme requirements prior to applying for the intern(s).** Interested students should submit your application directly to the employer with your CV at your earliest convenience. Email to contact@asa-robotics.com Application Deadline: 24 May 2024
Salary / Hourly Rate:	HK$11,190 per month, capped at three months (i.e. 90 days, maximum at HK$33,570) in one academic year under ITC STEM Internship Scheme For Summer 2024 Internships, the allowance is estimated to be disbursed in December 2024.
Once confirm the internship offer:	Student interns who confirm the internship offer are required to*: (1) submit declaration form which is available on [SDSC's website](#) **before the commencement of internship**; (2) declare as "Student Interns" or "Work Experience Students" if applicable for exemption of minimum wage requirement **before the commencement of internship**; (3) report to SDSC via online registration form with supporting document(s) **before the commencement of internship**; (4) submit the duly completed **Assessment/Evaluation Form** to SDSC for processing the allowance **upon completion of the whole internship period or the submission deadline, whichever is earlier**. *Details will be announced in due course*