

Company Name:	MotoNerv Limited
Posting Date:	25 June 2024
Category:	ITC STEM Internship Scheme
Company Overview:	MotoNerv is a pioneering tech venture specializing in advanced vision AI solutions. Our cutting-edge 'Video-to-Text-to-Insight' technology transforms video data into actionable insights, enhancing operational efficiency, safety, and strategic planning across various industries, including transportation, property management, logistics, and construction. Invested and supported by HK Tec300, HKAI Lab, and HKSTP, MotoNerv is committed to driving innovation and creating smart, sustainable solutions that make a significant impact on society. Our mission is to harness the power of AI to provide comprehensive real-time insights, transforming the way businesses and communities operate.
Company Website:	https://motonerv.tech
Position/Title:	Position1: Hardware (Embedded Systems) Engineer Internship - AI Industry Position2: 3D Printing / Mechanical Design Engineer Internship - AI Industry
Proposed Internship Duration:	74 days
Job Description & Requirements:	<p><u>Position1: Hardware (Embedded Systems) Engineer Internship - AI Industry</u></p> <p>Job Description:</p> <ul style="list-style-type: none"> We are seeking a Hardware (Embedded Systems) Engineer Intern to join our innovative team. The intern will be responsible for MCU programming and hardware development for wireless products and solutions. This role requires a strong foundation in Arduino and/or C++ programming, Python MCU software development, and electronic hardware design. Knowledge in WiFi, Bluetooth, TCP/IP communication, and machine-learning technologies is preferred. <p>Job Requirements:</p> <ul style="list-style-type: none"> Basic knowledge in Arduino and/or C++ programming. Experience with MCU software development. Understanding of electronic hardware design. Familiarity with wireless communication protocols (WiFi, Bluetooth, TCP/IP). Knowledge of machine-learning technologies is preferred. Strong problem-solving skills and attention to detail. Ability to work independently and as part of a team. Excellent communication and interpersonal skills. Passion for technology and innovation. <p>No. of vacancy(ies): 2</p>
Job Description & Requirements:	<p><u>Position2: 3D Printing / Mechanical Design Engineer Internship - AI Industry</u></p> <p>Job Description:</p> <ul style="list-style-type: none"> We are seeking a 3D Printing / Mechanical Design Engineer Intern to join our dynamic team. The intern will conduct research to inform the design process, create and render product concepts, develop 3D models and prototypes, and assist with prototype production. This role requires proficiency in CAD software such as SOLIDWORKS and Rhino, as well as knowledge of 3D printing processes and technologies. <p>Job Requirements:</p> <ul style="list-style-type: none"> Experience with CAD software like SOLIDWORKS, Rhino, etc.

	<ul style="list-style-type: none"> • Basic understanding of 3D modeling and prototyping techniques. • Knowledge of 3D printing processes and technologies. • Strong research skills and the ability to gather and analyze relevant information. • Creative problem-solving skills and attention to detail. • Ability to work independently and collaboratively in a team environment. • Excellent communication and interpersonal skills. • Passion for design, innovation, and technology.
	No. of vacancy(ies): 2
Internship Period:	<p>Summer Term 2024</p> <p>Full-time placements with a duration of no less than 4 consecutive weeks (28 calendar days)</p>
How to Apply:	<p>Please read the application guidelines to ensure that you could fulfill the scheme requirements prior to applying for the intern(s).</p> <p>Interested students should submit your application directly to the employer with your CV at your earliest convenience.</p> <p>Email to forte@motonerv.tech</p> <p>Application Deadline: 15/07/2024</p>
Salary / Hourly Rate:	<p>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</p> <p>For Summer 2024 Internships, the allowance is estimated to be disbursed in December 2024.</p>
Once confirm the internship offer:	<p>Student interns who confirm the internship offer are required to*:</p> <ol style="list-style-type: none"> (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. <p><i>*Details please refer to the email “Internship - Guidelines and Procedures (Summer Term 2024)” sent on 17 May 2024</i></p>