Company Name:	Infinity Lab R&D Limited
Posting Date:	9 May 2024
Category:	ITC STEM Internship Scheme
Company Overview:	Infinity Lab R&D is a startup company funded by CityU HKTech300, Cyberport and Home Affair Bureau. Our vision is to provide a quality multi-faceted education service platform and encourage students' multiple ability development. We are an education solution provider ,developing a personalized practicing system making students' learning path customized and manageable with ML and AI algorithms. Infinity Lab R&D founded in 2021 by a group of professionals in Education, Information Technology and Business fields. With our experimental education centre in Hong Kong, we provide educational solutions Offline-to-Online, including software development, toy production and STEM courses.
Company Website:	www.infinitylab.hk
Position/Title:	Position 1: React Developer Position 2: Cloud Architect / Engineering Position 3: Systems Engineering and Management Intern
Proposed Internship Duration:	90 days
Job Description & Requirements: (Position 1)	Position 1: React Developer Job Description: We are looking for an intern to join our team as a React Developer. In this role, you will be responsible for creating a system that generates reports using data stored in a DynamoDB database. Your main tasks will involve designing and developing a user-friendly solution that efficiently generates reports, ensuring a seamless experience for our users. Responsibilities: - Develop a React-based application for generating analytics reports. - Integrate the application with AWS DynamoDB to retrieve the required data for report generation. - Implement suitable PDF generation libraries or APIs for React applications. - Collaborate with UI/UX designers to translate visual designs into functional web experiences. - Optimize the application for maximum performance and scalability. - Ensure data security and privacy in the PDF generation and data handling processes. - Participate in code reviews and project planning sessions. Job Requirements: - Demonstrated experience in React development and working with state management libraries. - Strong understanding of AWS services, particularly DynamoDB. - Experience with PDF generation libraries in a React environment. - Proficiency in HTML, CSS, and JavaScript. - Familiarity with RESTful APIs and asynchronous request handling. - Excellent problem-solving skills and meticulous attention to detail. No. of vacancy(ies): 1

Job Description & Requirements: (Position 2)	Position 2: Cloud Architect / Engineering
	Job Description: Wm. We are seeking a motivated and enthusiastic intern to join our team as a Cloud Architect. As a Cloud Architect intern, you will be responsible for assisting in the maintenance and operations of our cloud infrastructure. Your primary focus will be on supporting the design, implementation, and optimization of cloud-based solutions to ensure the reliability, scalability, and security of our cloud services. **Responsibilities:** • Collaborate with the Cloud Architect team to support the design and implementation of cloud infrastructure solutions. • Assist in the configuration, deployment, and maintenance of cloud services, including server instances, storage, and networking components. • Monitor and troubleshoot cloud infrastructure to ensure optimal performance and availability. • Contribute to the implementation of security measures and best practices to protect cloud resources and data. • Participate in capacity planning and resource optimization activities to ensure efficient cloud resource utilization. • Assist in documenting cloud infrastructure configurations, processes, and procedures. • Stay updated with the latest advancements and best practices in cloud technologies. **Job Requirements:** • Currently pursuing or recently completed a degree in computer science, information technology, or a related field. • Basic understanding of cloud computing concepts and principles. • Familiarity with cloud platforms such as Amazon Web Services (AWS), Microsoft Azure, Tencent Cloud or Google Cloud Platform (GCP). • Knowledge of virtualization technologies, networking concepts, and server administration. • Strong problem-solving and troubleshooting skills. - Excellent attention to detail and organizational abilities. • Effective communication and collaboration skills. • Ability to work well in a team environment and adapt to changing priorities. No. of vacancy(ies): 1
Job Description & Requirements: (Position 3)	Position 3: Systems Engineering and Management Intern **Job Description:** We are seeking a talented and proactive intern to join our team as a Systems Engineering and Management Intern. In this role, you will be responsible for assisting in the setup, design, and testing of smart office systems to support business decision-making. You will have the opportunity to gain practical experience in systems engineering and management while contributing to real-world projects. **Responsibilities:** • Collaborate with the Systems Engineering team to assist in the setup and configuration of smart office systems.

- Participate in the design and development of system architectures and workflows to support business decision-making.
- Assist in the integration of hardware, software, and network components for seamless system operation.
- Conduct testing and quality assurance activities to ensure the performance and reliability of the smart office systems.
- Work closely with stakeholders to gather requirements and provide technical support for system implementation.
- Assist in documenting system specifications, configurations, and user manuals.
- Stay updated with the latest advancements in smart office technologies and recommend innovative solutions to enhance efficiency and productivity.

Job Requirements:

- Pursuing or recently completed a degree in systems engineering, computer science, information technology, or a related field.
- Strong interest in smart office systems, Internet of Things (IoT), and business decision-making.
- Knowledge of system design principles and methodologies.
- Familiarity with hardware and software integration.
- Basic understanding of networking concepts and protocols.
- Proficiency in troubleshooting and problem-solving.
- Excellent organizational and time management skills.
- Strong communication and teamwork abilities.

No. of vacancy(ies): 1

Internship Period:	Summary 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 and Portfolio at your earliest convenience. Email title [Summer Internship - Job Title - Student Name]. Email to info@infinitylab.hk Application Deadline: 30 June 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