Company Name:	Syngular Technology Limited
Posting Date:	3 May 2024
Category:	ITC STEM Internship Scheme
Company Overview:	Syngular is an Augmented Reality solution company focusing on medical applications, our proprietary AI medical image modeling platform can convert medical images (CT/MRI) into high-quality AR models, which could provide visual spatial guidance to surgeons during surgical operations. We are backed by HK Tech 300 Angel Fund and joined HKSTP Incu-bio program in 2023.
Company Website:	www.syngular.com.hk
Position/Title:	Software Engineer/ Engineering Trainee
No. of vacancy(ies):	2
Proposed Internship Duration:	59 Days
Job Description & Requirements:	Job Description: Syngular was born in 2021 to help surgeons visualize mixed reality (MR) replicas of patient medical images during operations. Realizing the impact of the aging population and medical workforce shortfall on the healthcare system, there is a huge market potential to improve surgical performance and efficiency to shorten operating time and reduce revision surgery. Syngular provided a 3D modeling pipeline platform to convert medical scan data into holograms that can be visualized in a headset with ultra-low latency. Live video streaming with immersive remote interaction can also be achieved We are looking for candidates who are capable of creating a wide range of creative content (3D Models / 2D Textures /Animation / Medical Dicom data) and have a keen passion for making the best user experience for HoloLens or other XR headsets. As a software engineer or engineering trainee, you will be involved in many of the key areas of augmented reality development; from building prototyping features, integrating assets through pipeline tools, and creating interactive scenarios that are realistic and optimized for high frame rates and low latency. You're a team player and experienced in working with other developers, including Engineers and Designers. This is a fast-paced production environment with the top industrial talents as your peers. You should be proactive and independently driven and strive to take your work from inception to launch. Less experienced candidates may start from handling different mini mobile apps or web-based applications. Job Requirements: • Integrate assets in Unity game engine without sacrificing artistic vision or exceeding technical limits of minimum specification mobile devices • Develop mini mobile app prototype • Develop web-based application prototype • Monitor and report product development process • Follow up with pre and after sales services
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 lsze@syngular.com.hk Application Deadline: 31 July 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