Company Name:	SmartAge Intelligence Limited
Posting Date:	8 May 2024
Category:	ITC STEM Internship Scheme
Company Overview:	SmartAge provides an accessible and cost-effective telenursing service that surpasses traditional methods. With our health risk identification and remote nursing consultations system powered by our IoT and AI, families can now provide unwavering care for their elderly, anytime and anywhere. Our system ensures their well-being within the comfort of their homes, while also empowering nurses to create better aging-in-place experiences. Our primary focus is on improving the lives of elderly individuals living alone, ultimately alleviating the problem of social isolation.
Company Website:	www.smart-age.net
Position/Title:	Position 1: Software Engineer AI Position 2: Data Scientist AI
Proposed Internship Duration:	90 Days
Job Description & Requirements: (Position 1)	Position 1: Software Engineer AI Job Description: - Worked with our R&T team and solution architect to execute the full software development life cycle (SDLC) with the DevOps best practice in Scrum team. Our experienced software engineers with guide individuals to: - Participate in HTML5 website development. - Participate in Flutter mobile application development, including Figma UX/UI design, coding, and maintenance. - Develop mobile applications (iPhone/Android) for our clients through Flutter language and create unit testing - Handle IoTs-related application development tasks from program flow design, coding, developing, testing, and implementation until rollout, as well as post-launch maintenance and enhancement - Create and maintain the back-end SaaS environment in the Google / Azure cloud - Round 20% of the time for training and researching new areas such as NFT in Healthcare related solution - Deliverables: Project Management: good team player in our Align Scrum Teams; Using Figma to design the UI/UX and create a demo; Using Flutter to develop mobile applications for IOS and Android; Pick a side project to develop and create MVP demo Job Requirements: - Good experience in mobile application or website development such as Flutter, HTML, CSS style, Figma - Knowledge of cloud computing platforms such as Azure/ Firebase/ AWS - Knowledge of IoT and MUC such as ESP32, MQTT, Node-RED - Knowledge of MongoDB/ MySQL - Knowledge of Blockchain and NFT is preferred - Quick learner, good team player, and start-up spirit - Good in English and Chinese - Students in the Applied AI Programme are preferred No. of vacancy(ies): 1

Job Description & Requirements: (Position 2)	<u>Position 2: Data Scientist AI</u> Job Description: Work in our R&D team which was led and mentored by our solution architect to research the better solution in the following product areas: 1. Elderly Smart Home open solution (GeronTech) o Data collection from our GeronTech/AIoT solution and analysis of the data to provide insight to support our caring service (Angel Eyes service) 2) Digital Healthcare Data Marketplace o Structures the health data with the underlying blockchain and NFT technology to enable elderly health records sharing and increases the security, privacy, and interoperability of health data Included typical tasks with our mentor supervise: - Worked with our R&T team and solution architect to execute the full software development life cycle (SDLC) with the DevOps best practice in the Scrum process. Use machine learning and advanced statistics to help build innovative solutions for real-life customer and business problems - Developing and training machine learning models or deep neural networks for health care solutions by Python or R - Transform data into meaningful conclusions and recommendations Validate the scientific methodology and project outputs of the other team members Major Deliverables: Transform marketing data into meaningful business conclusions and recommendations, which included in the monthly data analysis and insight report - Work with our Data Scientist to create machine learning models and apply the models in SmartAge and Angel Eyes elderly services - Provide the data architecture in the Digital Healthcare Data Marketplace project, and support the solution architect to build the data exchange solution - Support building the product demo and presenting the demo to the investors/funders Job Requirements: - Experience in statistics, machine learning models, or deep neural networks by Python or R Knowledge of blockchain and NFT - Quick learner, good team player, and start-up spirit - Passion for GeronTech is preferred - Good in English and Chineses - Good in the use of presentation tools such as PPT, Canva No. of vacancy(ies): 1
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 on or before the deadline (if any) or at your earliest convenience by email. Email to smartage@smart-age.net 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*