Professional Officer (All Levels) in Firmware / Software
Engineering
Singapore Institute of Technology

Job Title Professional Officer (All Levels) in Firmware / Software
Engineering

Department Professional Officers

Institution Singapore Institute of Technology

Singapore, , Singapore

Date Posted Jul. 3, 2023

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Computer Engineering

Computer Science

Job Website https://careers.singaporetech.edu.sg/cw/en/job/498210/professional-officer-all-levels-in-firmware-software-engineering

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Job Description

Professional Officer (All Levels) in Firmware / Software Engineering

Job no: 498210
Department: Professional Officers
Contract type: Contract
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Job Requirements

- A degree in Computer Science or related Engineering discipline. Possessing a Masters degree, PhD degree and relevant certifications will be an added advantage.
- At least 10 years working experience in embedded firmware and/or software applications in an engineering environment.
- Knowledge in Vue, High chart software or MQTT will be advantageous.
- Proficient in programming languages such as C#, C/C++, Python and Java
- Hands-on experience in embedded system design and implementation (IoT, sensors, Single Board Computers, Microcontroller)
- Knowledge related to Machine Learning or AI will be advantageous.
- Work independently, as well as within a team, to ensure that the project can meet the milestones adhering to the stipulated timeline
- Extensive experience and knowledge of industry practices to bring industry perspective to SIT.
- Keen interest in innovation projects, with demonstrated ability in developing solutions to technical problems.
- Strong supervisory skills and enjoy working closely with students in an educational environment.
- Demonstrate proficiency to keep abreast of development in the field and pursue professional certification programs. Possess industrial certifications in relevant areas will be an added advantage.

Key Competencies

- Passionate about training, coaching and mentoring students/junior practitioners.
- Enjoy both analytical and hands-on work to solve problems.
- Able to build and maintain good working relationships with people within and external to the university.
- Flexibility to work across functions/teams as part of a team in a dynamic environment.
- Self-directed learner who believes in continuous learning and development
- Proficient in technical writing and presentation
- Possess good analytical and critical thinking skills
- Shows good initiative and takes ownership of work undertaken

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Advertised: 03 Jul 2023 Singapore Standard Time
Applications close: 31 Dec 2023 Singapore Standard Time

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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