



You are looking for a job? We are looking for you.

Shape your future at ifm!

Since the foundation in 1969 ifm has developed, produced and sold sensors, controllers and systems for industrial automation worldwide.

Your tasks

- Create firmware specification and design the firmware architecture according to design rules, process, product and project requirements
- Specify, design and develop signal processing algorithms, write codes for microcontrollers in new and customized proximity sensors and HMI products
- Create and conduct review on test methodologies, validate design performance to specifications, debug embedded software, and document final design
- Support production implementation in the embedded software perspective
- Collaborate with cross functional teams to sustain product lifecycle including customer complaints, failure analysis, etc.

At our branch at Singapore we are looking for a
Embedded Software Design Engineer

Your profile

- Master / Bachelor Degree in Electronic / Computer Engineering or equivalent
- Minimum 3 years relevant experience in embedded software design and development
- Strong knowledge and direct experience with C & C++ programming languages
- Strong knowledge on digital electronics hardware including I2C, SPI, UART, PWM, ADC, USB, etc.
- Experience in designing, coding, debugging and validating on ARM Cortex and 8-bit microcontrollers are preferred
- Knowledge on Python & Math lab would be an advantage
- Logical and strong interpersonal with analytical skills, strong team player and independent
- Creative, self-driven and willing to acquire new skills and grow himself/herself

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Apply now - we look forward to seeing you!

ifm – close to you!