



Contract - Engineer - Embedded Applications Software (1 year)

Job description

As the Embedded Applications Software Engineer of the R&D team for the Power & Sensor Systems group, you have high interest to conceptualize and implement software solutions that enables and elevates the embedded applications and solutions we develop. Your main responsibilities include embedded firmware programming and /or host-side software development. You have interest in embedded micro-controller based applications and open to enhance the way we work by digitalization or automation of projects.

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In your new role you will:

- Be a part of the **Systems R&D team** that **delivers embedded reference solutions** using Infineon semiconductors, microcontrollers and power devices
- Set up **host and engineering bench and validation of system involving computer, PCB hardware/circuits and software**
- **Implement automation for solutions** acceleration
- **Enable ease of solution deployment** to send applications such as the provision of PC-configuration UI

Profile

You are best equipped for this task if you have:

- University degree in Bachelor in Electrical or Electronics Engineering
- Fresh graduates are welcome to apply. Engineering experience in industry, is advantage.
- Have an interest in **embedded applications**. Knowledge in **power and/or motor control applications** is big plus.
- Can program well in **embedded C, Python, C++ is advantage**.
- Understanding of electronics / electrical circuits

At a glance

Location: **(Singapore)**
Job ID: **77005**
Start date: **Aug 29, 2022**
Entry level: **0-1 year**
Type: **Full time / Part time**
Contract: **Temporary**

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Job ID: **77005**
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- Background in Microcontroller and **peripherals such as Analog-Digital converter, pulse width modulators** know-how preferred
- High interest to work in an R&D engineering environment
- Is a self-motivator, willing to learn on-the-job and develop into embedded application engineering.
- **This is a one-year contract with the possibility for renewal of contract or conversion to a permanent position based on performance and suitable position**

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

In accordance with the requirements set by the Singaporean Government, Infineon Technologies Asia Pacific Pte Ltd ("Infineon") can only allow individuals who are (a) fully vaccinated, (b) certified to be medically ineligible for a vaccine or (c) have recovered from COVID-19 within a prescribed period, onto company premises. Therefore, Infineon requires all new employees, as well as contractors and business partners, to be fully vaccinated against COVID-19. "Fully vaccinated" means individuals have completed the full regime of an approved COVID-19 Vaccine as listed under the World Health Organization (WHO) Emergency Use Listing (EUL) including the respective post-vaccination period to ensure the vaccine has become full effective. Anyone who is unable to be vaccinated due to an approved and/or recognised exemption condition may apply for special consideration.

