



## Internship - Radar System Test & Verification

### Job description

Our team create smart AI-enabled IoT solutions by harnessing various semiconductor components from Infineon such as sensors, radar and microcontrollers. As an intern in the "IoT Sensor Solutions" team from "Radio Frequency & Sensors" unit, your main responsibility includes but not limited to specification and development of AI-enabled solution based on Infineon's technology that enables embedded smart connected systems. As part of our dynamic team, you will be working on projects related to 24 /60GHz radar sensor system integration and verification.

In your new role you will:

- **Participate** in complete **end-to-end radar system development process**, including **machine learning**
- **Setup** and **perform data collection & data preparation**
- **Develop** and **maintain test plan** and **test cases**
- **Execute tests** and **log data**, **comply to test procedures**
- **Compile, benchmark** and **analyze test results**

### Profile

You are best equipped for this task if you have:

- Diploma students in **Electronics Engineering, Computer Science or equivalent**
- Knowledge in at least one of the programming languages: **C, C++, Python, MATLAB**
- Knowledge in **embedded system development**

Plus points

- Knowledge of **RF communication** or **Radar system**
- Knowledge of **Digital Signal Processing**
- Knowledge of **embedded Linux operating system**

### 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,

### At a glance

Location:

Job ID: **354951**

Start date: **Sep 01, 2022**

Entry level: **0-1 year**

Type: **Full time**

Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **354951**

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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.*

