



## Internship - System Application Engineering ITS

### Job description

The student, as part of the System Application Engineering, (SAE ITS) team and under the guidance of an assigned supervisor, will undertake projects working on system engineering activities related to Internet of Things security use cases.

#### In your new role you will:

- To assist engineers in **system project code development, testing and verification of microcontrollers system and security products.**
- To **perform system function verification and testing**
- To **evaluate system solutions and draft reports** on the outcome of the **evaluation and analysis**
- To **prepare application notes** and getting started guides for various solutions developed
- To assist in **coding in C/C++, Python and shell scripts languages**

#### Internship learning outcomes:

- To **acquire knowledge and methodology** in **system troubleshooting and analysis**
- To **document outcomes of the analysis**
- To **acquire programming and system security knowhow**
- To **collaborate and contribute to open source development projects**

### Profile

#### You are best equipped for this task if you have:

- On track to attain Bachelor in **Electrical & Electronic / Computer/ Industrial Engineering**
- Prior **coding experience** in any programming languages with **software version control tool(GIT)**
- Prior **Linux and MCU based programming**
- Exposure in **system technical / functional analysis**
- Proficient in **Microsoft power point** and **document preparation**
- Possess analytic and problem solving skills

### Why Us

#### At a glance

Location:

Job ID: **362812**

Start date: **Jan 09, 2023**

Entry level: **0-1 year**

Type: **Full time**

Contract: **Temporary**

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