



Job Description

Position Name : Senior Engineer Pen Engineering (Firmware Engineer)

Organizational Unit: Technology Solutions

Location: Hsinchu (新竹縣竹北市復興三路二段 168 號 8 樓之 5 室)

Job Purpose

Looking for talented individuals who enjoy creating firmware for microcontrollers, prototyping concepts, investigating new technologies.

Key Responsibilities:

- Proceed Human Interface Device (HID) firmware development.
- Design and Implement, Test and Verify software / Firmware to meet specific project needs.
- Write clean, easy to understand, robust, and sustainable code tailored for embedded systems and/or test platforms.
- Quickly debug and effectively close out system issues related to your firmware.

Qualifications:

- Solid C or C++ coding ability for Embedded Systems
- At least 3+ years working experiences in embedded software / firmware coding with microcontrollers with analog and digital sensors
- Working knowledge of UART, I2C, Bluetooth & BLE
- Knowledge of more communication protocols (SPI, NFC, USB...) is plus
- Knowledge of different platform OS and driver is plus
- Strong communication and collaboration skills
- Proven capability in applying coding best-practices to firmware designs
- Proven board bring-up and debug skills

Revision Date: 01 Jun, 2022