**Embedded System Developer**

World Star Tech Inc is a leading designer and manufacturer of photonics and laser systems. We are looking for a dynamic, high performing Embedded System Developer to join our team to help bring our next-generation products into reality. The individual must be a high energy, self-starter with excellent technical and communication skills. If you are a creative individual with a strong interest in design and development and hungry to learn, we look forward to hearing from you.

Our ideal candidate has a track record of developing and deploying excellent embedded software and firmware. You will be working closely with a team of talented engineers, developers, and designers.

World Star Tech’s range of products includes electronic controllers, touchscreen interfaces, sensors and many other supporting products. We have a diverse engineering team which includes electrical, software and mechanical disciplines.
Our team handles the development of electronics and firmware for a range of control products. You'll be a part of a team working at the cutting edge of design and development

**Skills & Experience**

-Experience with + C, C++, and object-oriented programming.

-Developing firmware for STM32-based microcontrollers utilizing I2C, UART, and SPI protocols.

-Programming in an embedded environment.

-Experience with scripting languages such as Python

**Requirements and Qualifications**

Degree in Engineering, Computer Science, or a related technical field

Experience with integration of embedded systems with continuous integration or other build and test systems.

Develop embedded software and maintain the existing software in C & Assembly language

Desirable: FPGA development experience would be considered an asset

**What You Will Do**
Develop software for laser instrumentation, spectrometer, laser analyzer, medical devices. + Develop low-level firmware to bring up new hardware platforms

**Bonus Skills**

- Comfortable with both low-level embedded software and higher-level, whole-system abstractions.

**Personality**

Be yourself. Be open.
Collaborate and challenge the status quo.
Decide and realize.
These are the key behaviors for this role