

Job description

Who are we looking for:

We are looking for a Embedded Intern. You will be part of the core team with overall responsibility for all electronics related activities on all our systems. You should have an established background in developing systems, hardware, softwares, sensors & IoT capabilities for various equipment. The ideal candidate is a true engineer and problem solver at the core and is passionate about electronics with real world understanding of smart products. Your roles and responsibilities will include:

- Analog & Digital H/W Design Knowledge , design of schematics using design tools
- Exceptional embedded C/C++ Programming Skills
- Protocols(SPI/ I2C/ UART/ SDI12/CAN etc) TCP/IP, Client Server model
- Hands on experience integrating/testing various sensors (GPS/digital/limiting switch/current/Temperature/ Humidity,etc.)
- Usage of IDEs, Compilers, Debuggers
- Experience in working on Arduino, Raspberry Pi will be added advantage
- Excellent skills in debugging and integration testing using Oscilloscopes, Digital Analyzers, Multimeter, etc.

As a successful candidate you must have:

- Good in Embedded C programming
- Good in Hardware circuit design basics
- Good in embedded testing Hardware & Firmware
- Exposure on various motor driver basics
- Good working exposure with 16/32 bit micro controllers
- Debug skills on Hardware & Firmware
- Working exposure with various tools for embedded development & debug
- Good analytical skills