

Software Engineer Internship – 8 Month Position

Established in 1999, SignalCraft Technologies is a product development company with an industry recognized expertise in wireless and high-speed digital applications. In cooperation with our partners, SCT identifies product gaps in challenging applications and vertical markets that are not traditionally well served. Applying high-volume production expertise to our microwave, signal processing, and embedded systems know-how, we deliver solutions to address these shortcomings.

We are seeking an enthusiastic Software Engineering student that has an interest in embedded firmware and hardware development. Candidates would preferably have completed their 3 year of studies. As a member of our team, you will be exposed to all aspects of product development.

Duties May Include:

- Plan, develop and debug firmware modules on target hardware
- Design and test electronic circuits
- Use proper engineering techniques and documentation of work
- Work collaboratively and professionally in a team environment
- Provide status of work to project manager for development schedules

Desirable Experience:

- Development of applications for embedded Linux or other small OS platforms
- Device driver development, interrupt handling, DMA, etc.
- Microcontroller, digital and analog circuit design skills
- Hands-on experience using standard lab test equipment such as oscilloscopes, logic analyzers, etc.
- Familiarity with circuit schematic capture and PCB layout tools (preferably Altium Designer)
- Active participation in technology projects as a hobbyist or in University sponsored clubs

Assets:

- Self-motivated, enthusiastic and creative at work
- Meticulous and organized
- Excellent written and verbal communication skills
- An ability to collaborate with others

We believe strongly in the co-op and internship experience and take our responsibility of mentoring our student engineers seriously. At SCT, you will be working directly with senior engineers who have worked in the wireless

Prepare to be challenged.
