



Software Engineering Intern – Summer 2011

Qualcomm has hundreds of software engineering internships available for Summer 2011. As a software engineering intern, you will work with a team of software engineers to develop, implement and maintain software for the most complex wireless devices. With a degree in computer science or engineering, you may be placed in a position anywhere on the Software Development Life Cycle of one of Qualcomm's numerous wireless technologies. Below are examples of roles and technologies that you may work on during your internship:

Roles:

- Analyze & identify system-level integration issues
- Develop & Integrate new features
- Define integration & test platforms
- Develop test tools and scripts and execute test scenarios
- Design & develop embedded, real-time systems
- Debugging
- Linux Kernel/Device Driver Development
- Create and maintain off-target builds
- Software Automation and Tools

Technologies:

- Modem Software: Data Services/Multimode Control Protocols/Radio Frequency
- Air Interfaces: CDMA, CDMA2000, WCDMA, GSM, EVDO, LTE
- Operating Systems: WinMob, Android, Chrome, RIM
- Multimedia: Video, Display, Audio, Graphic, Core Power, Camera
- CoreBSP (Board Support Package): Device Drivers, Peripherals, Products, and OS

You will be interviewed by interviewers from various teams within Qualcomm's software organization for a position within all of these job functions and technologies. Your preferences and the interviewer's recommendation will determine your placement if you are selected for a position.

Requirements:

Education:

Bachelor's or Master's level student pursuing a degree in Computer Science, Electrical Engineering or Computer Engineering. 3.0 GPA or above. Must be available for at least 10 weeks.

Relevant Courses:

Programming, Data Structures, Operating Systems, Computer Architecture, Computer Algorithms, Embedded Systems, Networking, Mathematics.

Relevant skills/Experience:

- Strong C/C++
- Exposure to scripting languages such as PERL or Python
- Experience with Linux/UNIX, Linux Drivers, Linux Kernel, Mobile Software OS development
- Exposure to Wireless network protocols
- Familiarity with real-time operating systems

Intern Benefits:

- Full Relocation Services (travel, shipping)
- Housing (Fully furnished, 2-bedroom luxury apartment, including utilities)
- Great Pay
- Intern Program Experience (Local trips, Surf Lessons, Executive Speaker Series, Networking/Learning)

Qualcomm will be returning to campus on October 5 and 6 to interview for software engineering interns for next summer. If you are interested in the attached position description, please send your resume directly to Austin Norfleet (norfleet@qualcomm.com).