

Qualcomm, San Diego, CA

Software Engineering Internships @ Qualcomm (Summer 2016)

Job Id T1937504
Job Title
Company - [Qualcomm Technologies, Inc. - CDMA Technology](#)
Division [Corporate Research & Development](#)
Job Area Engineering - Software
Location California - San Diego

Course Work:

Courses completed should include but not be limited to: Data Structures, Operating Systems, Object Oriented Analysis and Design, Computer Algorithms, Mathematics, Computer Architecture, Programming.

Education:

In study towards Bachelors (3.0 GPA or above), or Masters (3.5 GPA or above), in Computer Science, **Electrical Engineering, or Computer Engineering**. Must be available for at least 3 months.

Headquartered in San Diego, Qualcomm develops, manufactures, markets, licenses, and operates advanced 4G & 3G communications systems and products based on its proprietary digital wireless technologies. To ensure that the entire wireless industry is inspired and continues to evolve, innovate and experience success, Qualcomm develops its technologies and solutions for the purpose of enabling key participants in the wireless value chain.

Qualcomm has over a hundred of software engineering internships available. 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 numerous wireless software technologies.

Below are examples of roles and technologies that you may work on during your internship:

- Design & develop embedded, real-time OS
- System-level integration issues
- Integrate new features
- Integration & test platforms
- Develop & execute test scenarios
- Android Architecture
- Object Oriented and UI Design
- Linux OS Development

- Linux Kernel/Device Driver Development

Technologies:

- Modem Software: Air interfaces/Data Services/Multimode (CDMA, CDMA2000, OFDMA, LTE)
- OS: Windows, Android, Chrome, Native Platforms (RIM)
- Multimedia: Video, Display, Audio, Graphic, Core Power, Camera
- LTE (Long-Term-Evolution)
- CoreBSP (Board Support Package): Drivers, Peripherals, Products, OS

Skills/Experience:

Relevant skills include a strong C/C++ and object oriented design background, experience with scripting languages such as PERL, UML, and experience with Linux/UNIX, Linux Drivers, Linux Kernel, Mobile SW development in Windows Mobile, Android, design patterns, wireless network protocols such as TCP/IP, SIP, and familiarity with real-time operating systems such as VxWorks.

Intern Benefits:

Full relocation services (travel, shipping)

Housing (Pre-selected, fully furnished, 2-bedroom luxury apartment, including utilities & maid service)

Transportation Allowance (if applicable)

Great Pay

Intern Program Exp. (Local trips, Executive Speaker Series, networking/learning, mentorship, surf lessons)

Apply at: <https://jobs.qualcomm.com/public/jobDetails.xhtml?requisitionId=1937504>