



Carrier Aggregation



Computer vision



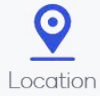
Security technologies



LAA



Wireless charging



Location



LTE voice



Machine learning



Quick charging



Envelope tracking



Advanced graphics

We enable our customers to compete, innovate, and grow globally



LTE Dual-SIM



Sensor processing



Computational photography



4x4 MIMO



H.265



4K Ultra HD encode, decode, and display



Gigabit LTE



RF Front End



Bluetooth



11.1 surround sound



Wi-Fi 802.11ac



LTE Advanced Pro



Antenna tuning



AR/VR



Multimode, multiband transceivers



Qualcomm CDMA Technology (QCT) Overview

QCT is the world's largest supplier of wireless chipset technology and software solutions. At Qualcomm, it's the division where most of our employees work!

- Commercializes our R&D innovation through highly-integrated chipsets.
- Provides chipsets to more than 100 customers.
- Through its chipset technologies and solutions, broad platform approach and customer centered support infrastructure, QCT continues to advance the wireless experience for people around the world.

Qualcomm is a company that unlocked 5G, ushering in an age of rapid acceleration in connectivity and new possibilities. Today there are more than one billion devices that are powered by Snapdragon processors. But this is just the beginning. It takes inventive minds with diverse skills, backgrounds, and cultures to transform 5G's potential into world-changing technologies and products. This is the Invention Age - and this is where you come in.

As a software engineer, 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 software technologies.

QCT SW Focus Areas

Air Interfaces: Develops code optimization using compiler intrinsics and involves UMTS, CDMA, LTE, and WCDMA technologies. (C/C++, Python)

Application Processor Test: Performs verification and testing of multimedia, CoreBSP and Linux software. (C/C++, Perl, Python, Java, C#)

CoreBSP: Comprises the software, system, test, product and integration teams that develop the foundation for the Qualcomm chipsets. The CoreBSP teams work with the architecture, hardware, systems and target teams to define and realize the chipset products from inception to commercialization. (C, Perl, Python, Java)

Graphics: Develops graphic cores and software providing high quality multimedia features to support delivery of advanced mobile devices. (C, Compiler, GPU)

Linux: Designs the software for Android devices. They work on various aspects of the device including Linux kernel, multimedia and Firefox/Chrome operating systems. (C/C++, Java, C#, JavaScript)

Modem Systems Test: Performs testing and automation of all things modem. (C/C++, Python, Perl, JavaScript)

Multimedia: Produces software to support multimedia - audio, camera, video and the underlying software architecture supporting them. They look at the software architecture, implementation tests as well as the commercialization aspects of the new technologies. (C/C++, Android, Python, DSP)

Multimode: Assists with designing, documenting and implementing features in the test environment. Works heavily with protocols and wireless systems. (SQL, PHP, Perl, C#)

RF Software: Designs and implements embedded drivers for cutting edge RF and modem hardware technology for WWAN standards. (C#, SQL, C++, DSP)

Software Automation and Tools: Performs verification and testing of software for large scale deployment to different divisions within Qualcomm. (C#, .NET)

Target Software: Develops tools that will be used in product integration and validation. (Java, C#, Perl, Python)

Windows: Creates the software and drivers for Microsoft Windows phones and tablets which sell with Qualcomm technology. (C/C++, Python)

Come Invent with us!

If you are interested in any of the focus areas above, please send an email to QCTSWrecruiting@qualcomm.com with your updated resume for consideration! Please note that hiring priorities are continuously shifting and there may not be available opportunities in all mentioned areas at the time of your application. We also encourage you to view our external job postings by visiting qualcomm.com/careers.

