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Embedded Engineering Internship - Summer 2025

San Diego, California, United States of America

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ID: 3064218

Job Description

Job Posting Date

2024-08-09

Company:

Qualcomm Technologies, Inc.

Job Area:

Interns Group, Interns Group > Interim Engineering Intern - SW

General Summary:

Before there were smartphones or smart cities, before autonomous cars or 360 virtual reality videos, there was our technology. Headquartered in San Diego, for over 30 years Qualcomm's inventions have inspired others to

make the impossible, possible. From 5G to artificial intelligence, IoT to automotive and extended reality applications, Qualcomm is inventing the technologies of an intelligently connected future, spearheading research efforts for the next global wireless standard, and collaborating with industry leaders in the wireless value chain to make this future a commercial reality. You're bringing skills. We'll provide the environment and the experience to push your limitless potential. Join us for our U.S. 2025 summer intern class!

As a Qualcomm **Embedded Engineering Intern,** you'll have the opportunity to push the boundaries of what exists and help establish the new standards for tomorrow. You will innovate as an equal contributor on teams of world-class engineers to develop, implement, and maintain software for the most complex wireless devices in the industry today. You will leverage your computer science or engineering degree to make an immediate impact on the software development Life cycle of one of Qualcomm's numerous software technologies.

Minimum Qualifications

- Currently enrolled in a bachelor's or master's degree program in computer engineering, computer science, electrical engineering, or a related field

- Must be available for 11 – 14 (preferred 12 – 14) weeks during Summer 2025 (May-September) with a graduation date of December 2025 or later

- 1+ years' academic experience with programming languages such as C, C++, Python, etc.

Successful candidates will have experience in one or more of the following Software Engineering technical tracks:

Embedded Software

- Embedded programming in C/C++/Assembly & operating system knowledge

- Programming in resource constrained environments (MIPS/Memory)

- Implementation of complex algorithms on an embedded processor

- Embedded microcontroller programming, experience developing device drivers

Embedded Systems (Firmware/Wireless)

- Real-time embedded programming in C/C++/Assembly for general purpose and heterogeneous processors including GPUs and DSPs

- Communication systems, communication theory, digital signal processing (DSP, embedded firmware)

- Knowledge of wireless protocols such as 5G NR, LTE and 802.11

Qualcomm's Internship Program

Our interns join world-class teams to help define and build what is next for mobility and the world. You'll be paired with a mentor with visibility to your project and team, receive support from your manager, and have access to the entire Qualcomm employee community to ensure your success. To round out your summer internship, we host professional development workshops, social events, cross-functional speaker sessions, and an executive speaker series. In addition to competitive hourly pay and accrued vacation time, you will receive relocation coverage and furnished housing accommodations for the duration of your internship.

By applying here, you are expressing interest in one of our many 2025 Qualcomm Embedded Engineering internships. **It is important to note that this is not a job posting for a specific project.** *We will review resumes on an ongoing basis, and a recruiter may reach out to you.* **For this job posting, advancing candidates may be invited to complete a timed HackerRank challenge to evaluate their technical skill set.**

Applicants: Qualcomm is an equal opportunity employer. If you are an individual with a disability and need an accommodation during the application/hiring process, rest assured that Qualcomm is committed to providing an accessible process. You may e-mail myhr.support@qualcomm.com or call Qualcomm's toll-free number found **here**. Upon request, Qualcomm will provide reasonable accommodations to support individuals with disabilities to be able participate in the hiring process. Qualcomm is also committed to making our workplace accessible for individuals with disabilities.

To all Staffing and Recruiting Agencies: Our Careers Site is only for individuals seeking a job at Qualcomm. Staffing and recruiting agencies and individuals being represented by an agency are not authorized to use this site or to submit profiles, applications or resumes, and any such submissions will be considered unsolicited. Qualcomm does not accept unsolicited resumes or applications from agencies. Please do not forward resumes to our jobs alias, Qualcomm employees or any other company location. Qualcomm is not responsible for any fees related to unsolicited resumes/applications.

EEO Employer: Qualcomm is an equal opportunity employer; all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, Veteran status, or any other protected classification.

Qualcomm expects its employees to abide by all applicable policies and procedures, including but not limited to security and other requirements regarding protection of Company confidential information and other confidential and/or proprietary information, to the extent those requirements are permissible under applicable law.

Pay range:

$17.00 - $98.00

The above pay scale reflects the broad, minimum to maximum, pay scale for this job code for the location for which it has been posted. Even more importantly, please note that salary is only one component of total compensation at Qualcomm. We also offer a competitive annual discretionary bonus program and opportunity for annual RSU grants (employees on sales-incentive plans are not eligible for our annual bonus). In addition, our highly competitive benefits package is designed to support your success at work, at home, and at play. Your recruiter will be happy to discuss all that Qualcomm has to offer!

If you would like more information about this role, please contact Qualcomm Careers.

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Equal Employment Opportunity

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⊙ Ingolstadt, Germany and 2 more

Software Applications Engineering

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Slide 1 of 3

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Unlock Your Limitless Potential With Qualcomm

Whether you're launching a new career or ready to explore what's next in the evolution of your talent and expertise, you're about to embark on a career growth journey like no other.

Bring out your best, with the best

Our employees make Qualcomm's success possible. We hire the brightest minds and foster a supportive, inclusive culture where your ideas have the power to contribute to world-changing innovations and breakthrough technologies. To make that possible, we leverage the breadth and depth of our diverse expertise from around the world to answer the unasked, conquer the complex, and solve some of the biggest challenges only we can – together.

Innovate with technology experts

At Qualcomm, we are passionate about the limitless potential of your career. Only here can you work alongside some of the most respected, leading engineering and technology experts in the industry – helping you learn and grow professionally in ways you haven't yet imagined.

Live well, work well

Additionally, you'll have access to programs such as our continuous learning and development programs, tuition reimbursement, and mentorships to tap into your limitless potential – plus, opportunities to enhance your quality of life through our comprehensive, best-in-class benefits offerings.

The work we do at Qualcomm impacts lives around the globe – and you can be part of it. Apply today and unlock your full potential.