



Qualcomm Technologies, Inc.

5775 Morehouse Drive, San Diego, CA 92121

www.qualcomm.com

Qualcomm Wireless Research & Development System Integration and Test – Summer Internship 2025

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 inventions have inspired others to make the impossible, possible. From 5G to artificial intelligence, from 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 program!

Qualcomm Wireless Research & Development is working on several new research topics in AI/ML and wireless communication and internship positions are available for the summer of 2025. The System Integration and Test (SI&T) team within Qualcomm Wireless Research & Development is in charge of integrating advanced algorithms and testing/analyzing prototype systems for proof of concepts. We are seeking an intern to contribute to the integration and testing of cutting-edge platforms and tools essential for enabling state-of-the-art technologies. These technologies will be applied to next-generation mobile, machine learning, and edge compute platforms, with applications in key areas such as smartphones, computing, XR, automotive, IoT, and more. The intern will have the opportunity to work in system test automation development, feature test planning, test execution and analysis. The key skills for interns seeking to work in the different research areas are given below.

Minimum Qualifications:

- Good understanding of AI/ML concepts (Deep learning, LLM transformer architecture)
- Good understanding of Digital and Wireless communication systems
- Programming Skills in Python or C/C++

Preferred Qualifications:

- Familiarity with ML frameworks such as PyTorch, Caffe2, Tensor flow
- Knowledge or coursework in computer architecture, multi-threaded programming and operating systems
- Understanding of networking protocols like UDP, TCP/IP and QoS and tools like Wireshark
- Knowledge of OFDMA, Wi-Fi, LTE, 5G NR concepts
- Knowledge of MATLAB

Educational Requirements:

- Currently enrolled in a Master of Science program in Electrical Engineering
- Must be available for 11 – 14 weeks during Summer 2025 (May-September) with a graduation date of December 2025 or later