

# Sierra Wireless Hong Kong

## 1-year internship opportunities for 2019/20

**Sierra Wireless (NASDAQ: SWIR) (TSX: SW)** is an IoT pioneer, empowering businesses and industries to transform and thrive in the connected economy. Customers start with Sierra because we offer a device to cloud solution, comprised of embedded and networking solutions seamlessly integrated with our secure cloud and connectivity services. OEMs and enterprises worldwide rely on our expertise in delivering fully integrated solutions to reduce complexity, turn data into intelligence and get their connected products and services to market faster. Sierra Wireless has more than 1,300 employees globally and operates R&D centers in North America, Europe and Asia. For more information, visit <http://www.sierrawireless.com>.

### Target candidates:

Pre-final year students in related curriculum of study (i.e. students completed Yr. 3 study)

### Target duration of Internship program:

Late May/Early Jun 2019 – End of May/Early Jun 2020 (1 year)

### Office address:

Sierra Wireless Hong Kong Limited  
6/F, Enterprise Place, No. 5 Science Park West Avenue, Hong Kong Science Park, Shatin, N.T.

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## Junior Engineer, Test & Reliability (1 Vacancy)

### Key Responsibilities:

The mission consists in the development of automatic tools to perform radio frequency and digital tests. The purpose of the tools is to analyze the effect of reliability environmental stress on new products (DUT) designed to operate on wireless cellular networks (2G, 3G and LTE). DUT will be tested before (pre-test) and after (post-test) the reliability stresses applied to confirm if the DUT characteristics have been impacted by the stresses. Environmental stresses are typically thermal, humidity and mechanical exposures reproduced in laboratory environment to predict the product robustness and life span. The tools are composed of various measuring equipment (power supply, radio communication tester...) controlled by a computer. The mission is to set-up the system, develop or update the test program running on PC (test script menu selection, automatic test sequence and generation of test reports), validate and install the system in the reliability laboratory.

- Study the test specification
- Set-up the test system, develop or adapt the test program
- Validate the test system in terms of repeatability and accuracy
- Install the test system in the reliability laboratory
- Perform pre-test and post-test for different products (DUT)
- Provide the test reports and conclude on the test results

### Key Skills Required:

- University students who have completed pre-final year of study (i.e. completed Year 3 study) in electronics/computer science disciplines
- With programming skills: National Instrument software knowledge. Lab Windows CVI, GPIB/VISA interface programming. Software C and C++ programming
- Knowledge in test equipment programming using GPIB, VISA, RS232, I/O acquisition cards
- Knowledge in notion of electronics measuring equipment for radio frequency and digital tests
- Telecommunication knowledge (GSM/CDMA/UMTS/LTE) is preferred

Interested candidates please send full resume with earliest availability information to [recruitment.apac@sierrawireless.com](mailto:recruitment.apac@sierrawireless.com). Please quote the position to be applied for in the application.

Data collected will be used for recruitment purpose only.