Our company is looking for an automation engineer, senior. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for automation engineer, senior

- Research/implement new technologies
- Create, improve and update systems to improve scalability, performance, capacity and security
- Responsible for the execution and completion of various projects/programs
- Design and implement Python code for new or existing automation framework components including interaction with mobile phone, sending commands to embedded products, fixtures, logging, reporting
- Develop automation test scripts to automate manual test cases
- Benchmark similar industries and technologies
- Create and execute test strategies for manual and automation tests developed for specific product features running on an embedded Linux system
- Design, develop, test, and maintain code designed to integrate on-site & in cloud virtual environments
- Monitor automated nightly test runs, analyzing the results, and quickly being able to target and fix build & test failures
- Begin to integrate various DevOps practices into our SQA processes and Continuous Integration initiatives

Qualifications for automation engineer, senior

- Experience in System level testing of complex multi-product system networks with strong networking skills and IP interoperability background
- Experience and understanding of broadband access technologies over RF cable plants using DOCSIS, QAM channels, PacketCable, is preferred
- Software QA experience testing services over IP networks, both edge and core routers, including L2 switching and L3 routing functions
- Programming skills and experience with software development using of the following languages – C, C++, Object Oriented programming
- Experience in use of test equipment and traffic generation tools using two or more of the following – spectrum analyzers, Spirent, IXIA, voice call generators, open-source packet generation tools