

Python Software Quality Engineer

Newfield Wireless Berkeley, CA

python c++11 c

Job Description

We are looking for a software quality engineer with rapid learning abilities and excellent technical skills to join Newfield and grow professionally. Successful candidates for this role have a solid background in physics, electrical engineering or mathematics and great software coding skills. The role will include interface with software engineers, RF Engineers, partners and customers in a dynamic and challenging opportunity to work on the cutting edge of wireless engineering product development.

Primary Responsibilities:

- Learn about our software application, TrueCall, and understand our customers' requirements for the software, its variety of use-cases, product standards and capabilities that drive Newfield product development
- Create data and develop test cases to enable end-to-end verification of TrueCall features and capabilities
- Automate test suites to ensure product quality
- Manage releases, and work with our customer support team, and directly with customers as needed to ensure successful software releases
- Work both internally and with customers to look for and evaluate anomalous results; be able to explain root cause to customers and product development engineers

Skills & Requirements

Minimum Requirements:

- BS in Physics, CS, EE, Mathematics or related scientific/technical field
- 2+ years of experience including graduate work
- Solid development skills and experience in Linux and Windows environments
- Exceptional Python skills is a must
- Proven ability to rapidly code or prototype using C/C++
- Coding experience in data analysis
- Understanding of software development lifecycle, from requirements analysis to formal system deliver
- Motivated self-starter who likes to work in fast-paced, entrepreneurial environment
- Work well as a team member with both internal and customer teams
- Excellent written and verbal communication skills with a strong customer focus

Desirable Skills and/or Experience:

- Computer hardware troubleshooting is highly desirable
- Understanding of wireless communications standards (CDMA/UMTS/LTE)
- Excellent understanding of probability
- Experience in managing, processing, and visualizing very large data sets

Please only apply for this position if you are legally authorized to work in the United States, including F-1, H-1B, E3, TN, Green Card holders and U.S. citizens. Thank you.

About Newfield Wireless

Newfield Wireless, a Tektronix Communications company, is a pioneer in next-generation radio access network geoanalytics and a recognized leader in advanced cell-planning services. Our platform, TrueCall[®], enables real-time analysis of data generated in the RAN and enriches it with location information. It enables mobile operators to optimize mobile network performance and subscriber experience, maximize service assurance, reduce network costs, monetize subscriber data and optimally plan network investments.

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