

Paul Pfeffer

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Experienced and agile software engineer with a track record of producing clean reusable code as well as the ability to work anywhere in the stack, from web to embedded. I am seeking a position where I can change the world one line of code at a time.

About me

I have a passion for code quality, clear documentation, and automation. Working in telecom for 5 years I've learned all the complexities of networks, but more importantly I wrote code that customers rely on for mission-critical applications. I've worked with several technologies including Python, Javascript, TCL, and many others. In addition to quickly learning any new stack, language, and framework;

- I have a talent for managing large amounts of code.
- I offer a proven ability to communicate complex subject matter cross-functionally and work efficiently with a international team.
- I am an unbelievably hard-working and detail-oriented contributor with excellent interpersonal skills, eager to contribute, listen and learn.

Experience

Software Engineer, Calix, Petaluma

2014 to today

Designed and implemented automation frameworks. Every sprint I took on the most difficult stories while delegating other stories to the team as fit. In addition, I played a crucial role in making technical decisions on the future of managed WiFi.

- Lead architect on WiFi automation. The framework I created is being used in advanced mesh testing with both black and white box capabilities for interoperability validation.
- Enhanced the testing of voice data by developing web based automation tools for telecommunication platforms allowing customer issues to be easily replicated. (Front end in HTML, CSS, JS and Back end Python, PHP, TCL)
- Implemented continuous integration system on large test platforms for data communication protocols decreasing the time between building code and finding bugs.
- Overhauled and finished customer application for testing dial plans.

Python Workshop Instructor, Sonoma State University, Rohnert Park

2014

- Helped students learn the basics of computer programming.

Software Quality Assurance, QuantaBits, Petaluma

2012 to 2013

- Tested versions of 1G and 10G PON

Education

Bachelors of Science in Computer Science Sonoma State University, Rohnert Park

May 2015

- Major GPA: 3.9; Dean's list 4 semesters.
- Earned an entrepreneur award for a point of sale database design, which earned the computer science department \$5,000.

Excellent references available upon request