Clarence Lam

San Francisco Bay Area, California | clarencelam2@gmail.com | (707) 776 - 7766

With 3 years of experience as a software tester, I am looking to further my career as a software developer.

EXPERIENCE

Software Engineer, Test **Enphase Energy** **Nov 2015 - Present**

- Served as a key member of a software development team as the lead QA tester of a web application.
- Created and executed test cases to identify and document REST APIs issues from the client and server side.
- Wrote automated tests in Ruby and Selenium WebDriver framework and integrated them into CI tools.
- Reported to product managers and collaborated in an agile environment to ship quality code quickly and efficiently.
- Engaged in UAT meetings and recorded potential usability enhancements and issues.
- Created a testing guide to cross train and increase the level of detail in bug reports of members on another team.

Software Test Automation Engineer **Enphase Energy** **Nov 2013 - Nov 2015**

- Created a RoR application to provide software downgrades for embedded Linux devices. Increased accessibility of the downgrade service from one to many.
- Wrote a maintenance script to optimize and reduce storage space of a server hosting log files.
- Reviewed engineering requirements and created a detailed test plan with at least one test cases for each requirement.
- Triaged regression tests and reported bugs for software running on a Linux based embedded system.
- Integrated tests and scripts for new features to an existing automation framework.
- Created a weekend regression to utilize unused testbed resources and increased test coverage.
- Aided manufacturing team program which uses APC power switch to power cycle.
- Documented automation framework by describing purpose of functions and variable types as a learning aid.

Technical Analyst **Elliptic Labs** **Aug 2013 - Nov 2013**

- Applied touchless gesturing to existing frameworks and libraries such as jQuery and three.js.
- Implemented new features and components and contributed to the product's quality infrastructure.

Computer Science Tutor **University of California, San Diego** **Jan 2010 - Jun 2013**

- Answered students' questions and offered suggestions to improve their code.
- Provided suggestions at weekly meetings to improve students' grasp of course material.
- Graded assignments and entered scores into a tracking system.

PERSONAL PROJECTS
- http://www.clamsclan.com
- https://github.com/clarencelam1
- Installed Ubuntu on a Pine64 to experiment with new technologies.
- CoRoomer.com, Aimed to simplify off campus housing search for local college students.

EDUCATION

San Diego, CA **University of California, San Diego** **Jun 2009 - Jun 2013**

Bachelor of Science, Computer Engineering
- National Honor Society (June 2010)

Languages and Technologies

Java	Ruby On Rails	CI
Linux	RESTful Webservices	CD
Python	Selenium	Git
Djano	Agile Methodologies, Scrum	