

# Clarence Lam

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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://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  
Linux  
Python  
Django

Ruby On Rails  
RESTful Webservices  
Selenium  
Agile Methodologies, Scrum

CI  
CD  
Git