Ligang Ye

Tech Stack

Programming Language: Python, Java, JavaScript, Ruby;
Web: Flask, Django, Spring (MVC, Boot), Ruby on Rails, MEAN (**M**ongoDB, **E**xpress, **A**ngularJS, **N**ode.js), jQuery, Bootstrap, MySQL, Cassandra, Vagrant, AWS;
CI/CD: Jenkins, Heroku, Docker, Quay, **Kubernetes**, Phabricator, TeamCity, PagerDuty;
Test: Jira, Selenium WebDriver, Watir, JUnit, TestNG, Appium (for iOS and Android testing), Cucumber, JMeter, Karma, Jasmine, PhantomJS, Mocha, Chai, Sinon, Postman, cURL, SoapUI;
Project: http://mealyou.herokuapp.com/

Education

International Technological University	San Jose, CA
Master of Science in Software Engineering	January 2016 – December 2016

Experience

Signifyd   San Jose, CA
Software Development Engineer in Test   *August 2018 – Present*
- Designed and implemented a test **microservice** using **Java** and SparkJava
- Used JUnit to write unit tests and service-level integration tests
- Utilized test microservice to test generic and shopify inbound and outbound **webhooks**
- Used Docker, Quay and **Kubernetes** to deploy services to precommit, staging and production environments
- Used Java and Cucumber to implement API tests and end-to-end tests
- Participated in PagerDuty oncall for QA team
- Raised bugs and fixed QA-related bugs

3Qi Labs Inc.   San Francisco, CA
QA Engineer   *October 2016 – August 2018*
- Designed and built **frameworks** for web, mobile, and API automation tests
- Programmed in Java, Ruby, **Python** and Cucumber Gherkin to develop automation testing scripts
- Configured **Selenium** WebDriver and Watir to perform automation function tests on multiple browsers
- Operated manual and automation **API** tests using Postman (REST), SoapUI (SOAP) and Ruby
- Used **Appium** to perform automation mobile web and native app function tests on iOS and Android devices
- Recorded and coded JMeter scripts to perform web performance test
- Integrated Jenkins to achieve Continuous Integration and Continuous Delivery
- Utilized Spring Boot to create web projects for company products' management page

Lexis Nexis of Elsevier   Dayton, OH
Software Automation Engineer   *July 2014 – November 2015*
- Co-created company's **first** keyword-driven Maven-Jenkins-TestNG-Git Selenium WebDriver **framework**
- Converted legacy QTP tests to Selenium tests and lowered license costs and decreased execution time
- Used **Java** and **Selenium** WebDriver to script and execute automation test cases
- Utilized SoapUI Pro to test SOAP web service

Isofoton North America Inc.   Napoleon, OH
Simulation Data Tester   *January 2013 – April 2014*
- Gathered flash **data** and created and maintained the flash data database
- Drawn Statistical Process Control (SPC) chart and analyzed flash data using VLOOKUP and IF functions