

Wilson Luu

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Software Automation Engineer

- Experience automating in the web, mobile, and backend space.
- Comfortable refactoring existing test frameworks to help make it reflect the current behavior of the product.
- Enjoy learning new programming languages and tools to help better the product.

Technical Knowledge

Languages

TypeScript
JavaScript
Shell

Platforms

Node.js
Angular
Android
iOS

Databases

MySQL
MongoDb
PostgreSQL

OS

macOS
Windows
Ubuntu

Test Frameworks

Mocha
Jasmine
Protractor
Selenium

Other Tools

Git
Jira

Experience

Allscripts (with Evalytica) Senior Quality Engineer

San Francisco, CA
Jul 2017 – Present

- Currently maintaining (and occasionally rewriting) the Protractor framework, which executes over 120 end-to-end web UI test cases.
- Perform daily QA responsibilities e.g. manual testing, ticket verification, and test case creation.

Appcelerator (acquired by Axway) Senior Quality Engineer

San Jose, CA
Oct 2011 - Jun 2017

- Created internal automation frameworks for mobile UI testing and CLI testing.
- Created a bot (in NodeJS) that detects and reports new versions in our product stack (e.g. Titanium SDK, Appc CLI), run smoke tests against the new versions, and send the test results to an Arrow (Appcelerator's cloud product) app.
- Created an automated test framework (with Mocha) that tests 16 APIs for each critical Arrow Connector provided by Appcelerator; 6 in total.
- Created 3 automated test frameworks leveraging Titanium SDK and APS (Appcelerator Platform Service) SDK (for iOS and Android) that would make CRUD calls to ArrowDb.
- Technical lead for several products: iOS platform, Appcelerator Cloud Service, APS SDK, and Arrow.
- Created test plan and test cases for each product I was a technical lead on.
- Trained interns and new hires on the product stack.

Projects

Conway's Game of Life

Built the web app to learn Angular 6 and hone my skills with TypeScript.

Web app: <https://wluu.github.io/game-of-life/>

Source: <https://github.com/wluu/game-of-life>

Resume

Used my resume as a template to build my first Angular web app.

Web app: <https://wluu.github.io/resume/>

Source: <https://github.com/wluu/resume>

Education

B.S.: Computer Science, Minor: Mathematics
University of California, Irvine

Sep 2005 - Jun 2009