

Canaan Gifford

canaangifford@gmail

SKILLS

PROGRAMMING

Proficient:

Kotlin • Java • Cucumber
Gradle • Maven • Selenium

Familiar:

Python • HTML5 • Javascript • React
Cypress • Typescript • CSS • PHP
Bash • iOS • Android • .NET • C#
L^AT_EX • PostgreSQL • Angular • MySQL

TOOLS

Proficient:

WebDriver • Git • TeamCity • Jenkins
AWS • Device Farm • IntelliJ

EDUCATION

SKIDMORE COLLEGE

BA in Computer Science

May 2013 | Saratoga Springs, NY

COURSEWORK

UNDERGRADUATE

Algorithms

Computer Organization/Architecture

Data Structures

Distributed Systems

Artificial Intelligence

Android Applications

Programming Languages

LINKS

Website:// canaangifford.com

Github:// [cgifford](https://github.com/cgifford)

LinkedIn:// [canaangifford](https://www.linkedin.com/in/canaangifford)

PERSONAL PROJECTS

ADVANCED-RSS-FEEDER

RSS Reddit App

2018 - 2020

A framework for a reddit bot that includes a basic RSS reader and extended moderation utility. Built on top of the excellent JRAW v1.1, a Kotlin wrapper for the Reddit API.

CAREER EXPERIENCE

BAMBOO HEALTH | Staff SDET

Jan 2020 - Present | Boston, MA

BambooHealth creates patient event notification apps designed to provide a valuable care collaboration tool for healthcare providers.

- Stood up a new test automation framework and fast execution engine using Kotlin and Cucumber to run test scenarios driven by API calls made to the product services.
- Took ownership over a legacy UI test automation framework, worked to reduce flaky tests and inefficiencies.
- Improved the overall runtime of the entire automated regression test coverage as well as internal test ops and infrastructure.

VIRGIN PULSE | Senior SDET

March 2016 - Dec 2019 | Providence, RI

Virgin Pulse is a B2B SaaS company in the health and corporate wellness space.

Providing companies with HR and wellness software for their employees.

- Work with an automation framework built in Kotlin, Cucumber, Java, Maven, TestNG, and Selenium to write and run a suite of nightly UI tests and Functional API tests.
- Use the Page Object design pattern with Selenium PageFactory to write scalable and robust UI tests that don't break on every release.
- Integrated the Zapi and JIRA api to update regression test statuses programmatically.

SHAPEUP, INC. | QA Automation Engineer

Feb 2016 | Providence, RI

ShapeUp was a social network based wellness platform for employers. Acquired by Virgin Pulse in 2016.

- Wrote and maintained a cycle of automated tests to verify the platform while it was in maintenance.
- Designed and executed test plans for weekly software releases.

NEXGEN MORTGAGE SOLUTIONS | Software Test Engineer

Aug 2013 - Jan 2016 | Middletown, RI

Nexgen Mortgage Solutions is a SaaS company providing software to title insurance agents and lenders to help calculate title rates both accurately and fast.

- Wrote and maintained a set of internal .Net/C# applications used to validate the accuracy of the calculated data.
- Provided API implementation support for technology contacts in client locations.
- Developed an automation framework using C# and testing libraries.

HASBRO | IT/Client Computing Summer Internship

Summer 2012 | Pawtucket, RI

Worked with the IT team to support employees at multiple Hasbro locations in Pawtucket, RI.

- Responded to help desk tickets for both macOS and Windows users.