ALVIN NG

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SOFTWARE PROFICIENCY

Languages: Java, Python, TypeScript / Javascript, Ruby
Libraries / Frameworks: Git, Selenium, React, Cypress

WORK EXPERIENCE

Embedded Test Developer   *September 2019 – December 2019*
ecobee Inc.
- Wrote software automation to test ecobee products using **Selenium** with **Python**
- Collaborated with fellow developer to implement features for an internal QA web app using **TypeScript** with **React**
- Designed and executed test plans for ecobee hardware

Software Test Engineering   *January 2019 – April 2019*
Ultimate Software
- Maintained pipelines on **TeamCity** to automate testing procedures for continuous integration
- Wrote automated software tests for the internal platform using **Cypress** and **TypeScript**
- Added support to select local or cloud storage when mocking **SwiftStack** for testing processes

QA Engineering   *May 2018 – August 2018*
Taplytics
- Created and executed automated software test plans using **Selenium** with **Ruby**
- Designed and implemented a custom test app for the team using **React Native** on iOS and Android
- Completed end-to-end testing for mobile and server side SDKs
- Defined and maintained testing procedures with **REST API** services

Software QA   *September 2017 – December 2017*
AlertDriving
- Created and executed test plans on JMeter that improved automated web testing by **20%**
- Managed numerous test suites on TestRail to organize team workflow
- Logged bugs and delegated outstanding tasks on **JIRA** with the software team

Programmer Analyst .Net Systems   *September 2016 – December 2016*
Cineplex Entertainment
- Tested and implemented software solutions for Showtime Spot Placement on **Asp.NET** with **C#**
- Developed a solution to organize advertisements for new movie screenings
- Planned testing strategies with the Solutions Team on Microsoft TFS

Projects

Discover @ https://github.com/itisalvinn/Discover
- Web app built with **React**
- Leverages the Spotify API to help users discover new music based on their mood

Locus @ https://github.com/itisalvinn/Locus
- Mobile app built with **React Native + Firebase**
- Provides roommates with a collaborative grocery and to-do list and a way to regulate quiet hours

Education

Bachelor of Applied Science, Computer Engineering   Sept 2014 – May 2020
University of Waterloo