

Alexander Wu

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EXPERIENCE

Kroger Digital SDET

June 2017 - Present

- Ensured quality releases for Kroger's Clicklist online shopping checkout pages.
- Leveraged test automation code to develop an internal test harness application, significantly expediting time to market releases by creating checkout orders in various repeatable states (draft, authorized, fulfilled, fraud rejected, etc.)
- Created internal application to hook into the gitlab API to display repository pipeline data for users across multiple teams.
- Expanded CI /CD environment to strive for goals of fully automated pipeline publish and deploy.
- Utilized Browserstack for multi-browser automated testing in Chrome, Firefox, IE, Edge, Safari

Xpanxion SDET

May 2016 – June 2017

- Managed and delegated tasks for offshore test automation team
- Developed Java selenium automated testing framework utilizing BDD practices with cucumber java
- Familiar with Atlassian tool suite (Confluence, Jira, BitBucket)
- Designed testing automation framework in C# using .NET UI Automation libraries.
- Designed source code / unit test auto generation tool in C# for locating UI Elements.
- Improved existing testing automation framework increasing test pass rates from ~60% to ~95%.
- Refactored multiple existing testing projects into single framework to reduce required technology footprint.

GE Aviation

June 2013 – May 2016

Software Engineering Intern

- Developed / implemented automation testing framework for Flight Management System (FMS) software.
- Designed user intuitive API for use by test developers
- Implemented unit tests to check updates in testing tool.

Systems Engineering Co-Op / Part-Time / Intern

- Performed Automated / Manual Testing on Flight Management System software for B737, KC-46, C130J
- Designed Requirement-Based Tests for FMS software. Developed unit tests in Visual Basic
- Performed regular regression testing for legacy auto tests.
- Worked full-time (40+ hrs / wk) during summer / winter sessions and part-time (15+ hrs / wk) during school semesters.

LANGUAGE SKILLS

Proficient: C#, Java, Node JS

Familiar: C, C++, HTML, CSS, JavaScript, Python

EDUCATION

Kansas State University, Manhattan, KS

B.S. in Mechanical Engineering

Minors: Physics, Computer Science

December 2015

GPA: 3.4 / 4.0

Github account: <https://github.com/alex606>

Portfolio website: <https://alex606.github.io/PersonalSite/>