

ANDREW LEE

Software Engineer in Test

My name is Andrew Lee and I am currently a software engineer in test at Moxiworks. My current day-to-day work activities consist of testing our services and API endpoints through Postman and JavaScript, writing Behavioral-Driven-Development automation and BVT in Python and Gherkin, and fixing and implementing bugs and features for our CRM admin tool in Ruby on Rails and Angular.

WORK EXPERIENCES

Software Engineer in Test

MoxiWorks | 2019-Present

As a software engineer in test for MoxiWorks, primarily focusing on services and API, I am responsible for testing our endpoints that are the driving force behind querying listing, message, profile, and authorization data. I am one of the leading automation developers who handles writing python code in our new BDD driven framework. Furthermore, I implement features and fix bugs within our CRM admin tool.

- Utilized Postman and wrote JavaScript test scripts to verify that various service endpoints behave as expected, which increased our endpoint coverage by 31% and reduced our regression time span by 1 day
 - Worked on fixing, implementing, and testing bugs and new features within our Rails backend and Angular frontend, used by test, dev, and PM, which reduced MoxiWorks' developer manual workload by 19%
 - Wrote python automation from within our new BDD framework, which allowed us to reduce our modular-based framework's code base by 42%
- Implemented a new BVT based testing system within our new automation codebase which decreased manual and pre-existing automation regression time by 44%

Software Test Engineer Intern

MoxiWorks | 2018-2019

As a software test engineer intern, I was primarily responsible for fleshing out our lacking test automation coverage within Katalon via Groovy utilizing our now deprecated modular-based test framework. My secondary objective was to tutor other test engineers on how to write better code and implement our modular-based framework.

- Migrated our even more deprecated C# Selenium test scripts into Katalon using Groovy
 - Wrote multiple, previously non-existent UI automation suites, increasing our test coverage by 56% and reducing manual and exploratory testing by 48%
 - Reported bugs to our developers caught by my automation earlier within the Software Development Life Cycle, reducing the amount of pressure and money spent on our developers during regression week
- Taught multiple test engineers how to write in Groovy and reduce poor styling habits and code reviewed their automation via Github pull requests

SIDE PROJECTS

Ang-spotify

A mobile-friendly web application built using Angular 9 and Spotify's API to query for and display artist, track, and album details that can be played on the devices Spotify application.

TableRounder.java

TableRounder.java reads a table of numbers and returns a new CSV file with the entries in the table rounded such that the column and row values are equal to the correct sum by modeling it as a network flow problem.

Scientific Calculator

Calc.rb is scientific calculator written in Ruby using a recursive descent parser.

(C) (253) 579-9806
(E) anjameke@gmail.com
(G) anjameke.github.io

SKILLS

Technical

JavaScript
Intermediate

Angular JS
Basic

Python
Intermediate

Ruby
Intermediate

Rails
Basic

Java
Intermediate

Node.js
Basic

PostgreSQL
Intermediate

Object
Oriented Design
Intermediate

Professional

Effective Communicator

Team Player

Strong Problem Solver

Excellent Time Management

Strong Work Ethic

Passion to Learn New Things

EDUCATION

BA in Mathematics

University of Washington, Seattle
2014-2018

Notable Courses:

Data Structures & Algorithms
Programming Languages &
Implementation
Relational Databases
Introduction to A.I.

LANGUAGES

English
Native

Korean
Conversational