

Forrest Kelley

fkelly4@gmail.com | (207)-475-5851

EXPERIENCE

Gemini Trust Company, LLC | New York, NY (Remote)

April 2022 - June 2022

Quality Assurance Engineer

- Added automated tests to TestRail to increase coverage for the Gemini Credit Card for frontend, backend, iOS, and Android using Python
- Contributed to test case stability and brought the initial passing rate of the test suite in TestRail up from 40% to 88% to easily meet weekly release requirements
- Generated a collection of test cases in Postman based on the REST API doc of the credit card
- Collaborated with QA team members to make complex automation strategies efficient and dependable
- Investigated issues with Splunk to get technical details of the root cause and to clearly communicate the problem
- Tested bugs and new features on the full tech stack for releases in one-week sprints while working with developers
- *Tools used: Python, Selenium, PyCharm, pytest, Jenkins, Postman, Jira, TestRail, Confluence, Splunk, PostgreSQL, TablePlus, Appium, Reactotron, Git/GitHub*

EnLabel Global Services | Boston, MA

Software Test Engineer

September 2020 - April 2022

- Conducted dev-ops responsibilities by deploying and configuring code in local test environments
- Created, designed, executed, and maintained tests that covered functional, integration, web services, database, and end-to-end testing along with test data preparation
- Produced 100's of new automated test cases and maintained existing automated tests
- Built an interactive website for the Selenium test results with ASP.NET Razor Pages
- Collaborated with all teams in the organization to help prioritize and distribute work among the QA team
- Performed analysis of technical issues on Windows servers using Windows Event Viewer, IIS, and Wireshark
- Developed Python scripts to complete manual tasks
- *Tools used: Selenium, C#, NUnit, Jenkins, Postman, SQL, IIS, Wireshark, ASP.NET Razor, Python, Git*

Software Test Engineer Intern

September 2019 - September 2020

- Architected Selenium testing framework in C# with configurable capabilities for web driver settings
- Developed a data driven test suite using NUnit that fit the Page Object Model design pattern
- Integrated the test suite to run after builds by developing automated jobs in Jenkins
- Implemented Selenium Grid for parallel execution of test cases which reduced the run time by 75%
- *Tools used: Selenium, C#, NUnit, Jenkins, Postman, SQL, SSMS, Easy Redmine, Git, CucumberStudio*

Invaluable, LLC | Boston, MA

Software Quality Assurance Intern

January 2019 - May 2019

- Performed regression and smoke testing on new website features
- Added automated coverage to the Java-based Selenium framework
- Developed a Node.js application as a proof of concept for using Selenium with JavaScript
- *Tools used: Selenium, Java, Jenkins, Jira, Confluence, QMetry, Appium, Node.js, JavaScript, Bitbucket*

PROJECTS

Bose Verbal Language Translation | Senior Design

Spring 2020 - Fall 2020

- Incorporated Bose glasses and AR features, such as a head shaking yes or no, from the Bose AR SDK in Unity
- Interfaced the backend of the project with C#
- Delivered a working application that translated speech to audio between different languages in real-time

Chess | Object Oriented Programming

Fall 2018

- Programmed chess game from scratch in C++ which printed the game to the console
- Implemented fundamental concepts of OOP, such as encapsulation, polymorphism, and inheritance

EDUCATION

Wentworth Institute of Technology | Boston, MA

September 2016 - August 2020

Bachelor of Science in Computer Engineering

GPA 3.89/4.00