

As a seasoned software professional, I understand the importance of delivering high-quality products. Emphasis on quality is a philosophy I’ve taken to heart, applying it in all areas of my life– both professional and personal. I specialize in creating time-efficient, highly maintainable mobile and desktop test automation using Python, Robot Framework, and other tools while employing both manual, API, and security testing to catch issues before they ever hit production. I work with Agile-oriented teams in full-time positions.

TECHNICAL & TESTING EXPERTISE

Test automation

Mobile (iOS)

Functionality

Backend

Exploratory

API

Regression

HTML /CSS

Python

Security

BDD


Robot Framework

Selenium

Azure DevOps

JavaScript

UI/UX Design



WORK EXPERIENCE

AVP, Lead Software QA Engineer

Sunwest Bank | 03/2023 - Present

- **Architecting QA automation** from the ground up across **web, mobile, and API domains** utilizing **Python** and **Robot Framework** with **Selenium Webdriver**
- Hardening applications against external threats with **security-focused** initiatives
- Implementing **Azure DevOps Pipelines** to deliver rapid, automated test feedback
- Leading QA Efforts for applications concerning **credit cards, cross-border exchange, iOS and web-based payment portals, bank account/loan applications, API switchboards, and HSA platforms**
- Designing app UX and user-flow for **web, iOS, iPadOS, and VisionOS platforms**
- Creating comprehensive **best-practices and standards** for present and future QA
- Preparing patent process for innovative, **blockchain-integrated** check validator
- Programming **front-end interfaces** for internally facing and novel applications
- **Managing** new **internship program** to up-skill QA and computer science students

Software QA Engineer

Talentpair | 09/2022 - 02/2023 (Reduction in force)

- Built **efficient, easily maintainable tests** for dozens of product features using **Robot Framework** and **Python**
- Established **mobile testing** based on usage statistics using **Appium** and **Sauce Labs**
- Improved **CI/CD test report** accuracy by building **retest system** in **GitHub Actions**
- **Increased test durability** and **decreased pipeline runtimes** by optimizing QA automation codebase
- Analyzed and addressed holes in **test coverage** of legacy features by implementing new **documentation procedures**

EDUCATION

Software QA Apprenticeship

Summer 2022

B.S., Metallurgical Engineering

University of Utah, May 2022 - 3.4 GPA

Certificate of Completion, Gen. Ed.

Salt Lake Community College, May 2017

PERSONAL PROJECTS

Professional Portfolio - Self

- Learned **JavaScript, HTML, and CSS** to design and build professional website without use of existing frameworks
- Engineered **JavaScript-powered HTML-injection** to practice **D.R.Y. principles**
- Employed established design philosophies for intuitive **front-end** experience

Project GitGud - QA Community (Ongoing)

- Mentored multiple up-and-coming QA professionals as **volunteer teacher**
- Taught QA students about **software testing, Agile, programming, interviewing** and more

Functional Test Automation - DuckDuckGo

- Wrote **Python** scripts using **Selenium Webdriver** to run automated tests on search features and settings
- Automated around **A/B testing**

Manual QA Volunteer - Anonymous Client

- Investigated and filed **100+ detailed bug reports** for server emulation developers
- Covered **functional** and **exploratory** domains

REFERENCES

Melissa Montanez,

Sr. Software QA Engineer - Contractor

Matthew D. Thornell,

Sr. Software QA Engineer - Werner Enterprises

Albert Frei,

Software Engineer - bioMerieux

