

# Sebastian Sainterling

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## Education

### University of South Florida

*Master of Science: Cybersecurity Intelligence & Information Security*

May 2025

Tampa, FL

### University of South Florida

*Bachelor of Science: Information Technology*

December 2021

Tampa, FL

- 2018, 2019, 2020, and 2021 AAC All-Academic Team
- Division 1 Football Scholar- Athlete, Balanced Football and Academics

## Professional Experience

### Software Test Engineer

Feb 2024 – Present

*General Motors – Roswell, GA*

- Promoted from 5a to 6b, within 18 months due to exceptional performance and demonstrated leadership in project execution and team collaboration.
- Designed, built, and configured core automation solutions using Selenium.
- Integrated CI/CD pipelines to streamline automation testing and deployment processes, improving efficiency by 43%.
- Managed QA and maintenance for all automation processes, ensuring timely response and resolution of issues.
- Created and maintained Performance Testing scripts, using Apache JMeter. Executed Performance Testing scripts using Azure Load Testing. (Load Testing, Stress Testing, and Endurance Testing)
- Leveraged Dynatrace Real User Monitoring (RUM) to identify critical business functions and user transactions for Performance Testing, enabling targeted test scenarios that improved application performance and user experience.

### Software Development Engineer in Test

June 2022 – Feb 2024

*General Motors – Roswell, GA*

- Maintained comprehensive and updated test documentation, such as test cases and test plans, demonstrating proficiency in Agile SDLC, Defect Life Cycle, and Software Testing Life Cycle.
- Optimized test automation frameworks by standardizing coding practices and enhancing scalability, resulting in improved maintainability and reliability.
- Worked closely with cross-functional teams as well as persistent teams to ensure successful project delivery and resolution of complex issues.
- Led performance testing efforts as Performance Test Lead, developing and maintaining test scripts to ensure application deployment with tight deadlines using VuGen and LRE.

## Technical Skills

**Programming Language:** Java, HTML, CSS, GIT, JavaScript, Python

**Technologies:** Azure, Dynatrace RUM, GitHub Actions, IntelliJ, and Insomnia

**Testing Tools:** Selenium Apache JMeter, JMeter DSL, LoadRunner Enterprise, Virtual User Generator

**Methodologies:** SAFe Agile, Agile SDLC, Performance Testing

## Volunteer Experience

### Harper Archer Elementary School's Career

February 29<sup>th</sup>, 2024

- Delivered an engaging presentation on career paths in technology, emphasizing the importance of having a Plan B.
- Provided students with insights into the daily responsibilities and challenges of a Software Test Engineer.
- Encouraged young students to explore STEM fields, highlighting the importance of education and lifelong learning.

### Habitat for Humanity

October 21<sup>st</sup>, 2021

- Assisted in the construction of homes, demonstrating strong teamwork and community involvement.
- Worked collaboratively with other volunteers and Habitat staff to ensure safe and efficient building practices.

## Summary

Detail-oriented and analytical technology professional with over 2 years of experience in software testing and development. Proficient in automation using Selenium and experience integrating CI/CD pipelines to enhance testing and deployment processes. Adept at collaborating with stakeholders to identify process improvement opportunities and driving efficiencies through automation. Strong problem-solving skills, excellent collaboration abilities, and a passion for innovative technology solutions.

## Interests

**Interest:** Computer Hardware, Building Computers, Sport, Haitian Culture

**Languages:** English, Haitian (Fluent, read and translate)