

# OSCAR LUIS LOPEZ

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## EXPERIENCE

### AMAZON - PRIME

Seattle, WA

Quality Assurance Engineer

Jun 2021 - Present

- Conceptualized and proposed component design for an internal AWS microservice extension integrated with our existing test automation, aiming to significantly reduce manual effort across 20+ marketplaces to nearly 0%. The proposed design was approved by a collaborative team of QA Engineers, Senior QA Engineer, and Software Developer, showcasing its potential for streamlined automation processes.
- Designed and automated functional testing for a launch project involving 640+ test cases launching in 20 countries. Leveraged Java, Selenium web framework, and the Page Object Model (POM) design pattern to achieve a 50% reduction in testing time and a 90% decrease in manual testing involvement.
- Led a collaborative QA process across 5 cross-organizational teams for mission critical project, resulting in the creation of a cohesive group test strategy, test plans, and a comprehensive test suite comprising 300+ mobile app test cases. Spearheaded weekly bug triage meetings, identifying key issues and ensuring their ownership, management, and resolution, which led to the successful scheduling and fixing of 30+ bugs, resulting in a P0 complete project launch. Additionally, I successfully executed tests across 3 international marketplaces, ensuring consistent quality and clear communication across different regions
- Managed and maintained a comprehensive regression test suite for 10 upsell locations, ensuring consistent functionality, reliability, and supporting CI/CD pipelines across 20+ marketplaces.

### RAMSEY CENTER, UNIVERSITY OF GEORGIA

Athens, GA

Facility Tech Program Assistant

Feb 2019 - Dec 2020

- Identified a process issue and built a Python script to web scrape machine parts data from vendor websites, successfully creating a centralized location and optimizing process by 75%.

Facility Technician

Oct 2017 - Jan 2019

- Applied advanced solutions to fix machines by working with Facility Technician Program Assistant, identifying and asking management for additional training, and documenting solutions.

### NASA HEADQUARTERS

Washington, D.C.

Mission Support Web Development Intern

Jun 2017 - Aug 2017

- Collaborated with a team of 3 interns to gather requirements, propose, and develop a software solution to shorten the Office of the Chief Financial Officer's onboarding process using Confluence.
- Implemented 2 web pages by documenting user needs, organizing information, and testing for bugs.

## EDUCATION

### THE UNIVERSITY OF GEORGIA

Athens, GA

- B.S. Computer Science, HOPE Scholar (2016-2020), Code2040 Fellow (2018) Dec 2020
- **Related Coursework:** Data Structures, Software Engineering, Computer Networks, Human-Computer Interaction, Web Development, Mobile Software Development, Computing Ethics, Intro to Communication

## SOFTWARE PROJECTS

**Personal Fitness Tracker iOS Mobile App (Personal):** In progress: Spearheading the design and implementation of an iOS mobile app version of the Android TrophyTeam app. Utilizing MVVM architecture, the project includes SQLite database table design, UML diagrams, and model creation, using Xcode and Swift.

**TrophyTeam Fitness Tracker Android Mobile App (Personal):** Utilized Android Studio, Java, XML, and Google Firebase to design and program an Android app allowing users to track cardio workouts in a user-friendly way.

**E-Commerce Movie Website (University):** Utilized Scrum methodologies, Java, and MySQL to lead a four-person team to develop a website capable of displaying movies in theaters, allowing admin privileges, storing user faux-payment information, and booking movie tickets.

## SKILLS

**Programming:** Java, Python, Swift, C++, Javascript, SQL, Object-Oriented Programming, Data Structures

**Web Development:** HTML 5, CSS, jQuery, RESTful APIs, Maven, Gradle, AJAX, XML

**Development Tools:** CI/ID, Git, Android Studio, Xcode, IntelliJ, Eclipse

**Automation/Testing:** Selenium, Jira, end to end testing, test strategy design, mobile app testing, test automation

## ADDITIONAL INFORMATION

Unexpected Productions - Improv Class + Stage Performances

Aug 2021 - Present