

# OSCAR LOPEZ

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## EDUCATION

### THE UNIVERSITY OF GEORGIA

Athens, GA

- B.S. Computer Science, GPA: 3.3; 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

## EXPERIENCE

### MACY's (Canceled due to COVID-19)

Atlanta, GA

Software Engineer Intern

Summer 2020

### RAMSEY CENTER, UNIVERSITY OF GEORGIA

Athens, GA

Facility Tech Program Assistant (Promoted)

Feb 2019 - Present

- Identified a process problem and built a program using Python and a pandas library to web scrape machine parts on vendor websites to successfully create a centralized location optimizing process by 75%.
- Co-led interview process by assessing needs for hard and soft skills with the Manager, interviewing 6 candidates, and delivering my recommendations to the Manager to successfully hire 4 out of 6 candidates.
- Manage 8 person facility technician team, review employee schedules, conduct technical training for 6 technicians, and report any issues to Coordinator of Facilities for resolution.

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.
- Presented software solution PowerPoint to leadership in the Office of the Chief Financial Officer.

## SOFTWARE PROJECTS

**//Todo Remote Work Website (School):** Leading development of remote work solution and remote testing by applying Agile and human-computer interaction guidelines, principles, and theories, leveraging HTML, CSS, JavaScript, and Bootstrap, and implementing a prototype (in progress).

**TrophyTeam Fitness Tracker 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 by creating and removing exercises.

**Roommate Shopping List App (School):** Utilized Android Studio, XML, and Google Firebase, to lead a two person team in designing and developing an Android mobile app allowing users to create or edit a shared shopping list in realtime.

**E-Commerce Movie Website (School):** 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

**Technical Skills:** (proficient) : Java, Python, CSS/HTML, XML, Object Oriented Programming, Bootstrap, jQuery, Unix, Google Firebase (familiar): C++, JavaScript, SQL, data analysis, requirements gathering, QA, REST, Agile Scrum

**Software:** Confluence, Jira, AutoCAD, Github, Slack, Eclipse, Microsoft Office, G-suite, Android Studio

**Languages:** Advanced Spanish, Intermediate French

## ADDITIONAL INFORMATION

### Volunteer Coding Tutor

Jul - Aug 2020

- Remotely determined a 9th grade student's knowledge level to develop learning plans, bring concepts to life using real-world examples, and monitor on a weekly basis to improve CS awareness from low to high.