

ELLIS ALCANTARA MARTINEZ

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TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, HTML/CSS

Development Tools: React.js, Node.js, Selenium, RESTful API

Other Tools: Git, Amazon Web Services, Firebase, MongoDB, Visual Studio Code, Unix/Linux, Postman

EXPERIENCE

Expedia Group

Technical Program Manager Intern

Expected May 2023 Start

Seattle, Washington

- Incoming summer technical program manager intern at Expedia Group.

Amazon

Software Quality Assurance Engineer Intern

May 2022 – August 2022

Sunnyvale, California

- Software QA engineer working on the consumer robotics team focusing on creating accessories test framework in Python for Amazon Astro, at Amazon Lab126.
- Formulated test plan for intern project, outlining required steps, such as - test strategy, objectives, scheduling, estimation, deliverables, and resources required to perform testing on accessories for Amazon Astro, in order to reduce manual testing and saving several hours of time.
- Developed new test automation for Astro features by writing Python scripts, integrating previous libraries, thus reducing manual testing times.
- Created and improved various libraries in order to reduce the amount of time going into automation.

HiveRnD

Software Engineer Intern

May 2021 – July 2021

Birmingham, Alabama

- Built different pages for the site, such as the profile page and registration page, using components made with TypeScript and React and from the ChakraUI library.
- Connected components with Java based backend services that would create and update user data that is stored in a MySQL database.
- Worked in an Agile environment which included using Jira for issue tracking, code reviews, and the use of git.

PROJECTS

Portfolio Site | *JavaScript, React, AWS, HTML, CSS*

ellisalcantara.com

- Developed a web-app using JavaScript, React, and HTML/CSS to display my projects; which includes a description and link a GitHub repo for each individual project, a bio of myself and a more information I'd like to share!
- Integrated continuous integration and continuous deployment by utilizing several AWS services such as; S3 Buckets, CodeBuilder, and CodePipeline

sTTats | *JavaScript, Python, React, Aphrodite, PyTest, MongoDB*

github/sTTats

- Developed web-application, utilizing JavaScript, React, and Aphrodite, that displays simplified statistics of a user's TikTok account. Done by using a custom built JSON parser, using Python, to scrape necessary data.
- Built and used a custom API to deliver data from the Python backend to the JavaScript frontend.
- Applied equivalence boundary analysis for unit tests using PyTest to ensure code quality.
- Setup a MongoDB server to anonymously store user's calculated data for future reference.

VOLUNTEERING

Microsoft TEALS

Teaching Assistant

August 2022 – December 2022

Birmingham, Alabama

- Helping primary teacher in teaching high school students about the fundamentals of cybersecurity, using the curriculum from CodeHS.com

EDUCATION

University of Alabama at Birmingham

Bachelor of Science in Computer Science and Mathematics

Expected May 2024

Birmingham, Alabama