


ELLIS ALCANTARA MARTINEZ

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TECHNICAL SKILLS

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

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

Other Tools: Git, Amazon Web Services, Firebase, MongoDB, VS Code, Unix/Linux, Jira, Confluence

EXPERIENCE

Magic City Data Collective - University of Alabama at Birmingham

September 2023 - Current

Data Science Fellow

Birmingham, Alabama

- The Magic City Data Collective (MCDC) is a joint partnership dedicated to building the next generation of diverse data professionals and driving data-informed decisions across the Birmingham region.
- As a participant, I will develop my technical skills through coursework, professional development, career coaching, and project-based learning embedded with a local company.

Expedia Group

May 2023 - July 2023

Technical Program Manager Intern

Seattle, Washington

- Collaborated with the Strategic Initiatives Program Management team on rolling out One Identity and One Key.
- Worked on a Jira structure, aligning it with EG's Q3 Strategic Initiative planning and improving overall program management efficiency by displaying all the objectives, initiatives, and its dependencies.
- Established a systematic process to link risks and issues from Jira to a Confluence page, which provides stakeholders with a high-level centralized view of the project's progress and potential challenges.
- Collaborated with cross-functional leadership, including product and engineering management, to gather requirements and ensure the status of the program meets the needs of tracking initiatives effectively.

Amazon

May 2022 - August 2022

Software Quality Assurance Engineer Intern

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.
- Developed robust and efficient test automation for Astro accessories by writing Python scripts, leveraging existing libraries, resulting in a significant reduction in manual testing efforts.
- Developed and enhanced a set of libraries to streamline automation processes, significantly reducing the time required for manual repetitive tasks in the future.

HiveRnD

May 2021 - July 2021

Software Engineer Intern

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 frontend components to backend services that would create/update user data that is stored in a MySQL database.

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 to GitHub repo for each individual project, a bio of myself and more information I'd like to share!
- Integrated continuous integration and continuous deployment by utilizing several AWS services such as; S3 Buckets, CodeBuilder, CodePipeline, Route53, and CloudFront.

VOLUNTEERING

CODE2040

July 2023 - August 2023

Reading and Interviewer Volunteer

Remote

- Volunteering with Code2040 as an interviewer and essay reader for there 2024 Fellows Program.

Microsoft TEALS

August 2022 - May 2023

Teaching Assistant

Birmingham, Alabama

- Aided primary teacher in teaching high school students about the fundamentals of cybersecurity, by following CodeHS.org.

EDUCATION

University of Alabama at Birmingham

Expected May 2024

Bachelor of Arts in Computer Science - Minor in Mathematics

Birmingham, Alabama