Zackary Santana

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Summary

5+ years of experience as a self-motivated software developer that focuses on learning better ways to develop and loves to apply new technologies and develop them cleanly and efficiently. Experience with working in a constantly changing development environment with continuous deployment/integration. Loves working on Fullstack, DevOps, UNIX, and Database related work!

Education

Florida International University   *Expected Graduation: July 2024*
- *Bachelor of Science in Computer Science*   *GPA: 3.6*
- *Advance UNIX Programming, Algorithm Techniques, Artificial Intelligence, Data Mining, Data Structures, Database Administration, Database Management, Human-Computer Interaction, Operating Systems, Software Engineering*

Work Experience

Incoming Software Engineer Intern   *June 2022 – August 2022*
MongoDB Inc.

Software Engineer Intern   *June 2021 – August 2021*
MetLife Inc.
- Managed and maintained a frontend **Angular.js** application that displayed real-time information that was vital for the team.
- Organized the backend **Restify** that interacted with a **MongoDB** that pinged endpoints to test status of **Java Virtual Machines**.
- Engaged in a **SAFe Agile** team that made use of scrum to keep track with the day-to-day process.

Director of Technology/Code (https://flow.fly.dev)   *January 2021 – Present*
UPE – Development Program
- Created and managed a responsive and adaptive website for an organization with **8000+** members.
- **React.js and Remix.js** were used for Server-Side Rendering (SSR) and caching. **Strapi** was used to implement a custom Content Management System (**CMS**). **Docker** and **Flyctl** were used for deployment.

Workshop Organizer & Judge   *August 2020 – Present*
ShellHacks - Hackathon
- Tailor made and hosted workshops for **Florida's largest hackathon**, **ShellHacks**, which has over **50** sponsors like Microsoft, Google, Amazon, and Facebook and **1000**+ participants.
- Guided participants in using **HTML**, **CSS**, **JavaScript**, **React.js**, **Express.js** to start their web-based hackathon projects.

Learning Assistant Intern for Calculus I & Physics I/II with Calculus   *January 2020 – Present*
Learning Assistant Program – Florida International University
- Taught in the Math and Physics department assisting in a total of **5 different classes**, with an average **of 70+ students**.
- Supervised **40** students through the material each class and held office hours for 1 on 1's with struggling students.

Skills

Languages: TypeScript, CSS, SCSS, SQL, Python, Java, VisualBasic.net (VB.net), C, C#, C++, Dart, Bash, AWK
Technologies: Git, Docker, Docker Compose, Node.js, NVM, NPM, Remix.js, React.js, Gatsby.js, Angular.js, Express.js, Next.js, Svelte 3, UNIX, JavaFX, PostgreSQL, SQL, MongoDB, Flyctl
Productivity: Figma, Notion, Microsoft Teams, Trello, Slite

Projects

LinkedHub (Hackathon)   *January 2022*
Miami Hack Week
- Won first place with a **chrome extension** that extends LinkedIn's native features.
- Improves the user experience for recruiters to view an applicant's GitHub.
- Uses GitHub's **graphQL** API to retrieve information like projects, contributions, and displays them on LinkedIn.