

Davian Albarran

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SUMMARY

Current Full Time Monmouth University Software Engineer Major and Double Minor in Math and Computer Science. Works well in teams and has taken on leadership roles in a software development environment. Actively uses and participates in Open-Source projects and aspires to be in an Embedded Systems or Full Stack Software Engineering role.

EDUCATION

Monmouth University

B.S. in Software Engineering with a double minor in Mathematics and Computer Science.

West Long Branch, NJ, USA

Cumulative GPA: 3.72

Graduation Date: May 2024

Involvement:

Resident Assistant | Monmouth University Residential Life

Sep '23 – Present

In charge of supporting ~200 residents and enforcing the housing rules in a team of 4. Developed 14 programs and weekly newsletters to foster community and diversity in our housing complex.

Volunteer Proctor | IEEE/ACM Club Hackathon

Feb '23

Aided other volunteers with administrating and proctoring a Hackathon event. Responsible for rounding up upper class high schoolers and discussing University-level Computer Science expectations, as well as insuring that there was no cheating and no technical issues during the competition.

LANGUAGE PROFICIENCIES (Level: 1-3)

Typescript (3) | Rust (2) | C and C++ (2) | Java (2) | MongoDB (3) | MySQL (3) | React (3)
Node.js (3) | Express.js (3) | AWS (2)

EXPERIENCE

Full Stack Software Engineer Intern | MITRE | Shrewsbury, NJ

May '22 – Aug '23

Supported a web development team as a Full Stack Engineer by completing tickets on a Kanban Board for each Sprint working under an Agile philosophy. Utilized HTML, CSS, JavaScript+jQuery for creating views and Node.js + Express.js for backend functionality, as well as working with our MongoDB, MySQL, and AWS S3 databases. Transferred from full time to part time through the school year.

PROJECTS

ParkShark

An innovation on parking lot activity tracking utilizing GPS and Bluetooth technologies. Presented to Monmouth University's entrepreneurship conference, "Hawk Tank."

Mobile App Development: Xcode, Android Studio

Backend: Node.js configured with TypeScript, Express.js, MySQL.

Embedded Device: C/C++ Code utilizing a custom proprietary SDK.

AmiStudio

A take on Tamagotchi utilizing RPG stats with a multiplayer competitive aspect.

Backend: Tauri Rust Stack with Actix Web centralized server.

Frontend: React.js configured with Typescript.