

Jahziel Villasana-Espinoza

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EDUCATION

Georgia Institute of Technology, December 2020

B.S - Computer Science GPA: 3.42

Specializations (Threads): Systems & Architecture and People

SKILLS

PROGRAMMING LANGUAGES C, JavaScript, Rust, Go, TypeScript, Python, C#, Java

WEB DEV Node.js, Express, Websockets, React, Hooks, Redux, Jekyll, Flask, HTML, CSS

MOBILE React Native, Expo, Android

TOOLS AND PLATFORMS Git, gdb, valgrind, Linux/UNIX, shell/shell scripting, Relational DBs (MySQL, SQLite, Postgres), NoSQL (Firebase Realtime DB, Dynamo DB), QEMU/libvirt

CLOUD AND DEPLOYMENT REST APIs, AWS, GCP, Firebase, Netlify, PCF, Jenkins, TravisCI, Splunk, gRPC, DevOps

EXPERIENCE

Signal Eleven

Co-founder May 2020 - Present

- Co-founded a contract software development shop, focusing on helping startups and small businesses build great experiences on the Web.
- Built out new feature set for Scholars' updated web app, leveraging React, Redux, and Firebase to deliver a quality recruiting experience to Scholars' customers.

State Farm

Software Engineering Intern May 2019 - Apr 2020

- Transitioned key parts of State Farm's internal claims microservice and API infrastructure from on-prem to AWS.
- Gained project management experience by leading a team of fellow interns in building and deploying a SPA for internal use.
- Taught workshop on Go to full-time members of dev team.
- Maintained and improved internal React-based documentation sites.

Yokogawa Corp. of America

Software Engineering Co-op Aug 2017 - May 2019

- Designed an Android app that saved over \$5000 per year in engineering time.
- Created a Windows desktop app to significantly speed up QA engineers' paperwork processing times.
- Researched and helped implement usage of a new standard programming language and software tooling, including version control and project specifications.

SELECTED PROJECTS

libc for xv6

Added buffered I/O, signals, setjmp, variable argument support and more, as well as supporting system calls. Built with C.

Hemingway

An economical RSS reader for your terminal. Built with Rust.

Titan

A TOML configured server and Express-like server framework for the Gemini protocol. Built by and for Rust.

deadbeef.app

Convert from decimal to hex to octal to binary, instantly. Built with React and Netlify.