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, 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)
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.