

Jahziel Villasana-Espinoza

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EDUCATION

Georgia Institute of Technology,
December 2020

B.S - Computer Science GPA: 3.42

CS1332: Data Structures and Algorithms,
CS2110: Computer Organization and Programming (Assembly and C),
CS2200: Intro to Systems and Networking,
CS3210: Operating System Design,
CS4240: Compilers and Interpreters,
CS4210: Advanced Operating System Design

SKILLS

PROGRAMMING LANGUAGES	C, Go, JavaScript, Rust, TypeScript, Python, C#, Java
WEB DEV	Node.js, React, Redux, Jekyll, Flask, HTML, CSS
MOBILE	React Native, Expo, Android
TOOLS	Git, GitHub, gdb, valgrind
CLOUD AND DEPLOYMENT	AWS, GCP, PCF, DevOps, Jenkins, TravisCI, Splunk, gRPC, REST APIs
LINUX/UNIX	Ubuntu, shell, vim
ENGLISH, SPANISH	Native speaker

EXPERIENCE

Scholars

Software Development Contractor May 2020 - Present

- Building out features for Scholars' Web app. React, Redux, Hooks, Firebase.

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.

PROJECTS

ECMA-402 Task Group Member

- Documented recent ECMAScript internationalization features on Mozilla Developer Network.
- Worked on a distributed team to make decisions on future internationalization features in the ECMAScript spec.

libc for xv6

- Implemented a small libc for xv6, the teaching operating system used in CS 3210.
- Buffered I/O, signals, setjmp, variable argument support and more, as well as supporting system calls.

C dynamic memory

- Implemented the C dynamic memory allocation library (malloc, calloc, realloc, free) as part of coursework for CS 2110.

Assorted apps

- Hemingway: An economical RSS reader for your terminal. Built with Rust.
- newpost: A little CLI that lets you create new GH Pages/Jekyll blog post files with ease. Built with Node.js.
- deadbeef.app: Convert from decimal to hex to octal to binary, instantly. Built with React.