

Jahziel Villasana-Espinoza

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EDUCATION

Georgia Institute of Technology,
December 2020

B.S - Computer Science GPA: 3.41

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

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|--------------------------|---|
| PROGRAMMING LANGUAGES | C, Go, JavaScript, Rust, Python, C#, Java |
| WEB DEV | Node.js, React, Redux, Jekyll, Flask, HTML, CSS |
| TOOLS | Git, GitHub, gdb, valgrind |
| CLOUD AND DEPLOYMENT | AWS, GCP, PCF, DevOps, Jenkins, TravisCI, Splunk, gRPC, REST APIs |
| LINUX/UNIX | Ubuntu, Bash, 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.
- **ankiport.com:** A web app that converts Quizlets to Anki decks. Built with React and Flask.
- **deadbeef.app:** Convert from decimal to hex to octal to binary, instantly. Built with React.