Jahziel Villasana-Espinoza

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EDUCATION

Georgia Institute of Technology,
December 2020

B.S - Computer Science GPA: 3.43

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, Python, C#, Java
WEB DEV	Node.js, React, Redux, Jekyll, Flask, HTML, CSS
SOURCE CONTROL	Git, GitHub
DATABASES	SQLite, SQL Server, DynamoDB
LINUX/UNIX	Ubuntu, Bash, vim
ENGLISH	Native speaker
SPANISH	Native speaker

EXPERIENCE

State
Farm

Software Engineering Intern   May 2019 - Present

- Transitioned key parts of State Farm's internal claims microservice and API infrastructure from on-prem to AWS.
- Managed a team of fellow interns in building and deploying a SPA for internal use.

Yokogawa Corp. of
America

Co-op Engineer   Aug 2017 - May 2019

- Developed a custom tool to streamline Quality Assurance documentation processes
- Created an Android app that optimized customer plant tours, leading to savings of over $5,000 per year.

PROJECTS

ECMA 402 Student
Member

- Documented recent ECMAScript features on Mozilla Developer Network as part of the ECMA 402 standardization process.
- Wrote entire reference pages with the help of various standards specification documents.

C dynamic memory

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

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.

Assorted apps

- newpost: A little CLI that lets you create new GH Pages/Jekyl blog post files with ease. Built with Node.js.
- resumic: A resume JSON schema, with a CLI to generate beautiful HTML and PDF resumes from your data. Built with Go.
- 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.

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