

# 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
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WEB DEV	Node.js, React, Redux, Jekyll, Flask, HTML, CSS
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TOOLS	Git, GitHub, gdb, valgrind
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DATABASES	SQLite, SQL Server, DynamoDB
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LINUX/UNIX	Ubuntu, Bash, vim
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ENGLISH, SPANISH	Native speaker
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## 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.
- 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.

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 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

- **newpost**: A little CLI that lets you create new GH Pages/Jekyll 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.