

# 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

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

- **`<em>Hemingway</em>`**: 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.