

James Pruitt

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github.com/Rapdorian

Software engineer with experience developing secure cloud applications in Rust and Typescript.

Work Experience

Software Engineer, Fortanix
2022-2024

- Backend development for a cloud key management and encryption server
- Developed tool for reducing latency for on-premises customers.
- Developed new customer facing APIs while maintaining backward compatibility with existing APIs

Software Developer Intern, SIL International
2020

- Continued working on the tool from 2019 internship
- Refined the tool into a usable state for a field test with users

Software Developer Intern, SIL International
2019

- Developed a tool for cleaning data after a rapid word collection workshop
- Wrote Ansible scripts which managed deploying a web server to an Intel NUC running Ubuntu server

NES Game Developer, Freelance
2018-2019

- Wrote various video games in C and 6502 assembly for the NES

Education

B.Sc. Computer Science, Western Carolina University
May 2022

- For my capstone project I wrote a MIPS architecture simulator and IDE that could run and debug MIPS programs.

High School Diploma,
2016

Skills

- Rust
- API Design
- Docker
- Linux
- Typescript
- React
- C#