

James Pruitt

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github.com/Rapdorian

Software engineer with 4 years of experience. Interested in using new technologies to develop performant applications.

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
Summers of 2019 & 2020

- 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
- Refined the tool into a usable state for a field test with users

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, Cullowhee, NC
May 2022

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

High School Diploma, Waxhaw, NC
2016

Skills

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|---------------------|--------------|--------------|
| • API Design | • Docker | • MongoDB |
| • Assembly | • Git | • React |
| • C# | • HTML | • REST |
| • CassandraDB | • Javascript | • Rust |
| • Computer Graphics | • Linux | • SQL |
| • C | • MIPS | • Typescript |