

Carson Cummins

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Professional History

Slack, San Francisco CA - Software Development Intern

May 2022 - August 2022

- Created a seamless internal role request system integrated directly into internal slack systems
- Heavily utilized Go, Python and Kubernetes
- Created novel methods to eliminate the need for session tokens within the role request system via implementation of encrypted session restoration scripts built directly into frontend requests

AURA (<https://joinaura.us>), Rochester NY - Tech Lead

August 2021 - Present

- Hired and managed a 3 person team to create and deliver a complex web app for finding undergraduate research to the University of Rochester
- Assisted in negotiating contracts and legal terms to sever ties with the University of Rochester to allow for nationwide expansion
- Conducted extensive market research to determine and construct ideal feature set
- Extensive work with AWS, Docker, MongoDB, Python and JQuery

Rohde and Schwarz, Portland OR - Software Development Intern

June 2021 - August 2021

- Delivered a new system backup solution by creating a suite of tools to serialize a running Windows Jenkins server and replicate the server within a Docker container
- Extensive work using Windows Batch scripting and Python
- Analyzed both source code and decompiled binaries to determine proper Docker configuration for proper function of a complex build system

Office Depot, Portland OR - Sales Consultant

March 2020 - August 2020

- Lead tech consultations, managed a print center, operated a point of sale system, and ensured consistent levels of on-shelf inventory

Skills

- Learning new programming languages to a competent level in 3-4 hours, with current competencies including C/C++, JS, Java, Python, OCaml and R among others
- High quality graphic design with Adobe software
- Cloud architecture design with AWS
- Well versed in startup accounting, marketing and operations principles

Education History

University of Rochester - Rochester, NY - BS Computer Science, BA Mathematics, Minor Business

August 2020 - June 2024

Courses in artificial intelligence, programming language design, visual computing and systems programming. Competed as a member of the varsity cross country and track teams.