

## Carson Cummins

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## Professional History

### Slack - Software Engineer - Seattle, WA

July 2024 - Present

- Engineer on the Slack Canvas / Quip data platform team working mostly with Python and PostgreSQL on AWS
- Developed a custom compression algorithm that reduced storage space requirements by 80% saving over a million dollars a year in cloud costs
- Built systems to continuously find and remedy encryption inconsistencies that fixed over 100,000 document encryption failures within 3 months of launching
- Redesigned the key rotation system to enable hands free handling of petabyte-scale key rotations

### Quizard.ai - Software Engineer - Remote, NY

January 2024 - May 2024

- Full stack engineer for Neo backed startup Quizard
- Built onboarding flow for Unstuck AI that handled signups of over 1 million monthly active users
- Transitioned analytics pipeline to BigQuery saving 5 figures of monthly SaaS costs
- Built pipelines to integrate user data from Blackboard and Canvas APIs

### Quip - Software Engineering Intern - San Francisco, CA

May 2023 - August 2023

- Interned on the Quip data platform team working with Python, React and AWS
- Developed tooling to track physical location of Quip data to visual IDR compliance status
- Built visual debugging tool for Quip's ETL stack

### Slack - Software Engineering Intern - San Francisco, CA

May 2022 - August 2022

- Interned on the Slack security team working with Python and Go
- Built integration with internal access control systems to allow automatic requests of access roles

### Rohde & Schwarz - Software Engineering Intern - Hillsboro, OR

May 2021 - August 2021

- Interned on cellular networking testing team, worked with Java, Docker and Makefile
- Containerized complex build system built for compatibility with a 20+ year old codebase

## Contract Projects

### AURA - <https://joinaura.io>

A website that simplifies finding undergraduate research that serves over 1,000 users from Yale, Columbia, RIT, WVU, and the University of Rochester - built with Python (Flask), Javascript, Docker, AWS, and MongoDB

### Research Posters - <https://researchposters.io>

A website for conducting virtual research fairs made under contract for the University of Rochester office of undergraduate research.

## Education

### University of Rochester '24

BS Computer Science, BA Mathematics, BA Business - 3.6 GPA