

JEREMY MICHAEL FREEDMAN

SOFTWARE ENGINEER

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SUMMARY

Highly motivated software engineer with 2 years of experience in full-stack development within an Agile environment. Successfully delivered projects utilizing Python, Java, Kotlin, Typescript, React, and AWS. Passionate about tackling complex challenges in a team environment with a commitment to quality and scalability.

EDUCATION

Bachelor's of Science, Computer Science
Cornell University | Ithaca, NY

May 2022

Recent Computer Science graduate with a strong academic foundation in imperative and functional programming, computer networking, and algorithm design. Proficient in programming language theory and advanced networking principles. Adept at translating theoretical knowledge into practical solutions.

EXPERIENCE

Product Engineer I

Aug 2022 - Present

Ridgeline | Incline Village, NV
ridgelineapps.com

The industry cloud platform for asset management

- Designed, planned, and executed a new CRM application for a cloud-native enterprise investment management platform.
- Closely collaborated with the Cloud and Devops teams, ensuring seamless integration of product code via CI/CD processes.
- Utilized Spring, Terraform, and AWS Fargate to tune the application's performance and improve insights in production.

Site Reliability Engineering Intern

Jun 2021 - Aug 2021

Cisco | RTP, NC
cisco.com

- Worked with the Network Services team to securely enable hybrid cloud solutions, automating the interconnection of enterprise and public infrastructure.
- Built a bespoke infrastructure-as-code package using Python and Terraform specifically designed for Cisco infrastructure.

Chief Technology Officer

Oct 2020 - Apr 2021

2 Stay 2 Go | Ithaca, NY

A student-run pop up restaurant serving a rotating menu of fresh, local foods.

- Supported front- and back-of-house staff with their technology needs, including ordering tools, invoicing, and inventory management.
- Brought down point-of-sale costs and helped the business turn a profit.
- Assisted with management of front-of-house staff.

Backend Software Engineer

Oct 2020 - Feb 2021

Way Holdings | Ithaca, NY

Worked with Python and MongoDB to build a takeout and delivery web app with a budding student-run startup.

COURSEWORK

Functional Programming

Design & Analysis of Algorithms

Advanced Data Structures

Software Defined Networking

Object Oriented Programming

Programming Language Theory

PROJECTS

GenreMatch

<https://github.com/jeremyfreedman/cs4701-genrematch>

Practicum project demonstrating ML techniques to identify a song's genre based on its lyrics.

Simple Assembly Project

<https://github.com/jeremyfreedman/SAP>

A feature-complete PDP-11 assembly simulator written in Swift.