

Enoch Chen

🏠 <https://enochen.me> | ✉ sirenochen@gmail.com | 🌐 Enochen

Education

Cornell University

B.A. in Computer Science, 4.0 GPA

Ithaca, NY

Expected May 2023

- Relevant Coursework: Functional Programming, Analysis of Algorithms, Operating Systems, Compilers

Experience

Braze

Software Engineering Intern

New York, NY

June 2021 - Aug 2021

- Implemented a load tester for Apache Kafka clusters which supports fuzzing (randomly constructed input).
- Parallelized message generation which enabled efficient and simultaneous load testing for multiple topics.
- Analyzed the Kafka system under heavy load to reveal key insights about performance and scalability.

Replenish

Software Engineering Intern

Orange, CA (Remote)

May 2020 - Aug 2020

- Extended and refactored PostgreSQL database models to increase query efficiency.
- Developed scripts in Haskell to generate admin and customer-facing reports.
- Designed and implemented calendar interface in Elm for viewing and scheduling shipments.

Bloom

Software Engineering Intern

Ithaca, NY (Remote)

June 2020 - July 2020

- Designed and implemented scalable database model with PostgreSQL and TypeORM for curating matchups between users.
- Implemented user messaging feature coordinating a WebSockets interface between a React frontend and NodeJS backend.
- Created extensible email system in a NodeJS backend supporting custom triggers.

Cornell University

Teaching Assistant

Ithaca, NY

Jan 2020 - Current

- Held office hours, co-led discussion sections, and graded assignments for students.
- Collaborated with instructors to design course curriculum.
- Courses: Functional Programming, Trends in Web Development

Projects

Ask Palette

Developer

- Developed a web app that generates a color palette from any given search query.
- Integrated Google Cloud ML Engine to analyze queried search terms and produce appropriate colors.
- Designed a cache system to optimize API calls.

Git It Done

Developer

- Developed a Slack bot that coordinates pull request reviews within a software development team.
- Implemented Slack/Github cross-integration to initiate reminders for stale pull requests awaiting reviews.

Legends of Code and Magic - Competition

Contestant

- Designed an AI in Java to play a digital strategy card game.
- Implemented an performant game model to couple with Monte Carlo tree search.
- Placed 81st out of over 1000 competitors.

Skills

Languages Java, JavaScript/TypeScript, Python, OCaml

Technologies Git, React, CircleCI, Docker, Kubernetes