

EZRA JOHNSON

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EDUCATION

Bachelor of Computer Science, California Institute of Technology

Expected 2025

SKILLS

Programming Languages	Java, C, Python, OCaml, Ruby, SQL, JavaScript, HTML, CSS
Tools	Git, Mercurial, NumPy, React, NextJS
Languages	English (native), Spanish (basic)

EXPERIENCE

Software Engineer Intern

June 2023 - Sept 2023

Stripe

New York, NY

- Adapted existing API and databases to provide essential transaction information to clients using Ruby.
- Leveraged SQL in order to work test that the correct data was being added to our databases.
- Saved company tens of man-hours per week and followed through on a highly requested client feature.

Software Engineer Intern

June 2022 - Sept 2022

Meta (Facebook)

New York, NY

- Developed the backend of a new feature for Instagram Stories as a server engineer using Django.
- Onboarded full-time engineers onto the project to take over after my internship duration.
- Presented on my work in an org-wide event.

STEP Intern

June 2021 - Sept 2021

Google

Remote

- Developed an internal web application using JavaScript, Google Closure Templates, a microservice framework, and more on the Google Lens in Photos Team.
- Collaborated closely with another intern to develop the product, and conducted code reviews.
- Utilized the Mercurial version management system.

PROJECTS

Personal Website. Developed a personal website in NextJS and hosted it using Vercel. Learned HTML, CSS, and React.

Physics Engine. Collaborated in a team of four to develop a physics engine entirely in C. Developed a video game using said physics engine where a user has to navigate a spaceship through a generated array of asteroids. Utilized Git for version control.

3D Rendering of Snake Game. Developed a 3D rendered version of the snake game in Java. Researched 3D rendering techniques in Java before implementing them for our school's computer science fair.

EXTRACURRICULARS

Undergraduate Computer Science Club. Member of the Undergraduate Computer Science club which hosts workshops and small hackathons for members.

Track and Field. Thrower on the varsity track and field team.