

# Ethan D. Green

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## EDUCATION

### Rutgers University-New Brunswick

B.S. in Computer Science

New Brunswick, New Jersey

May 2025

- o **Concentrations:** Software Development
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Object-Oriented Programming, Statistics & Applications, Discrete Math

## EXPERIENCE

### UpWork Freelancer

Software Developer

Remote

May 2024 – Present

- Designed and developed responsive marketing websites for clients in various industries, including a cleaning company and a photography studio
- Utilized HTML, CSS, and JavaScript to create user-friendly and visually appealing web experiences

### Johnson & Johnson

Software Development Co-op

Raritan, New Jersey

Jun 2022 – Dec 2022

- Consolidated batch data tracking, including batch length, success rate, and historical trends, providing a single source of truth with Flask
- Implemented real-time data alerts for daily quality checks, enabling proactive issue identification and resolution
- Optimized dashboard performance through caching and optimized SQL queries, reducing load times from 5 seconds to under 0.5 seconds

### OwnCrib

Full Stack Development Intern

Remote

Jun 2021 – Jun 2022

- Engineered user-friendly and responsive dashboards for buyers and sellers utilizing React.js
- Streamlined user registration and payment processes using Stripe, increasing conversion rates
- Developed a comprehensive search function leveraging Azure Functions, enabling users to find open listings within their desired location efficiently

## PROJECTS

### AI Mock Interview Software

Lead Developer

Remote

Jun 2024 – Present

- Developed a SaaS that leverages the Gemini API to process job posting information and curate a practice interview that clients can use to prepare
- Generated personalized feedback based on the user's response to the question and offered tips for improvement

### Circles Social Media App

Backend Developer

Remote

Jan 2024

- Designed and implemented the feed algorithm, API endpoints, and database structure to ensure robust and scalable functionality.
- Created efficient data models and endpoints to support dynamic content delivery and user interactions

## ACTIVITIES AND LEADERSHIP

### Technology Intern Co-op Committee

Pillar Leader

Raritan, New Jersey

Aug 2022 – Dec 2022

- Organized social event to connect co-ops and interns from different departments at Johnson & Johnson in New Jersey and Pennsylvania

### Credo Event

Organizer

Raritan, New Jersey

Aug 2022 – Dec 2022

- Organized community outreach events with other interns such as park cleanups in the local community and writing Christmas cards to the elderly

## SKILLS

**Programming:** Java, Python, JavaScript, HTML, CSS, SQL, Node.js, Next.js

**Tools:** Android Studio, AWS, Jupyter Notebooks, Git, Bootstrap, Agile, Docker