

Ethan D. Green

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EDUCATION

Rutgers University-New Brunswick

New Brunswick, New Jersey

B.S. in Computer Science

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

Remote

Software Developer

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

Raritan, New Jersey

Software Development Co-op

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

Remote

Full Stack Development Intern

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

Remote

Lead Developer

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

Remote

Backend Developer

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

Raritan, New Jersey

Pillar Leader

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

Raritan, New Jersey

Organizer

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