

Ethan D. Green

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EDUCATION

Rutgers University

B.A. in Computer Science

New Brunswick, New Jersey

Expected Graduation, December 2024

- **Concentrations:** Data Science
- **GPA:** 3.52/4.00
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Vallettasoft

Mobile Development Intern

Remote

May 2023 – Aug 2023

- Tested mobile applications to ensure they worked properly and were compliant with user stories
- Used Flutter to develop both IOS and Android applications for clients
- Prepared and deployed finished mobile apps to the Apple and Google play store

Johnson&Johnson

Software Development Co-op

Raritan, New Jersey

June 2022 – Dec 2022

- Created a Flask application to construct a pipeline that retrieved Machine Learning batch data from Planisware
- Utilized SQL to perform daily quality checks on batch data and store results in a table
- Created a dashboard using Flask, HTML/CSS, and JavaScript that gathered ML batch data and visualized it.
- Shortened batch data load time from 2 minutes to less than 1 second

OwnCrib

Full Stack Intern

Remote

June 2021 – June 2022

- Utilized React.js and Material UI to develop a responsive user dashboard that visualized and tracked the home buying and selling process
- Used C#, Azure, and React.js to develop an API that retrieved housing data from the backend and displayed it to the user based on the query provided
- Created a user registration system with React.js, Azure, C#, MongoDB, and stripe API's that created a new account, updated user preferences, confirmed the identity of the user and allowed them to pay for OwnCrib services

PROJECTS

Circles

New Brunswick, New Jersey

Team Lead

October 2023

- Developed the backend architecture for a new social media app and created API endpoints using Flask Blueprints
- Created algorithm to build a user's feed based on their connections and mutuals
- Used MongoDB to store user and post data

React Blog Website

New Brunswick, New Jersey

Team Lead

May 2023 – June 2023

- Used React.js to build a multi-page blog website user interface that allows users to view, like, and comment on blog posts from different users
- Used Node.js to build a backend that handled liking, commenting, and the creation of users
- Used Firebase and MongoDB to handle user profile data

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, C#, PHP, R, Flask

Tools: Android Studio, AWS, Firebase, Azure, Jupyter Notebooks, Git, Bootstrap, Agile, MongoDB