

ETHAN COOMBER

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EDUCATION

Northeastern University, Khoury College of Computer Sciences – Boston, MA May 2025
M.S. in Computer Science

Middlebury College – Middlebury, VT 2023
B.A. in Computer Science, Mathematics Minor

- Honors: *magna cum laude* (3.79/4.00), Computer Science departmental honors
- Relevant courses: Parallel Computing, Systems Programming, Computer Architecture, Data Structures, Algorithms and Complexity, Artificial Intelligence, Data Structures, Machine Learning, Theory of Computation

TECHNOLOGIES

- Languages: Java, C, C++, Python, JavaScript
- Databases: SQL, Mongo DB, Spring, PostgreSQL, Heroku
- Frameworks: React, HTML, CSS

EXPERIENCE

EARTH BRANDS – Remote 2024
Software Development Intern

- Developing a custom B2B portal facilitating client purchases of Earth Brands' products.
- Utilize React Native, GraphQL, Javascript, and Next.js for full-stack development.
- Work with Sales and Marketing departments to identify improvements and enhance user experience.

PUBLICIS SAPIENT – Chicago, IL 2022
Software Engineering Intern

- Deployed a trading platform with real-time stock data and high-speed trade executions.
 - Utilized React Native and Figma for frontend interface/design and Java Spring Boot, GraphQL, and PostgreSQL for backend development.
- Completed an intensive three-week full stack development course, gaining experience in frontend technologies (React, Angular), databases (MongoDB, NoSQL, MySQL), and backend services (REST APIs, Spring Boot).

MIDDLEBURY COLLEGE – Middlebury, VT 2022 – 2023
Course Assistant

- Supported 60+ students by offering additional support in undergraduate computer science courses using C, Python, and Java.

PROJECTS

- **Portfolio:** ([deployed link](#))
 - Project portfolio displaying my projects, skills, and interests.
- **Car Rentals:** ([deployed link](#)) ([source code](#))
 - Allows customers to browse a car selection and filter based on their preferences.
 - Frontend: Typescript | Backend: Next.js | Deployment: Vercel
- **YouTube Clone:** ([deployed link](#)) ([source code](#))
 - Allows users to experience many of the same functionalities as YouTube.
 - Frontend: React | Deployment: Netlify