

# Nahum Yehdego

Portland, ME 04103 | <https://sites.google.com/view/nyehdego/home> | E-Mail: [nahum\\_yehdego@brown.edu](mailto:nahum_yehdego@brown.edu)

## Education

**Brown University**, Providence, RI

September 2021-May 2025

*B.Sc. Computer Science and Economics, GPA: 3.94/4.00*

**Relevant Courses:** Intro to Software Engineering, UI/UX, Management of Industrial Organizations, Data Science, Mathematical Econometrics, The Practice of Sustainable Investing, Intro to Systems, Data Structures and Algorithms, Statistical Inference, Mathematical Microeconomics

## Technical Skills

**Programming:** Python, SQL, Java, C, Stata, Typescript, React, Rust, R

**Databases:** Microsoft Access, Salesforce, PostgreSQL

**Software:** Visio, Project, Git, Microsoft/Google Apps, Salesforce, JIRA, Docker

**Languages:** English, Tigrinya, and Spanish

## Work Experience

**Lynk Global**, *Software Engineer Intern*

Falls Church, VA | June 2024 - August 2024

- Designed and implemented a real-time telemetry service to improve satellite data collection and processing.
- Migrated a file-based telemetry system to a PostgreSQL-backed database, reducing data retrieval time by 6 seconds and making it more scalable.
- Developed a gRPC+Protobuf API for seamless querying and subscription-based telemetry access across 8 subsystems.
- Advocated for and enhanced data standardization and encoding using Protobuf, improving compatibility across satellite services.
- Practiced Agile methodologies and test-driven development to ensure robustness and maintainability, contributing to 100% test coverage.
- Gained hands-on experience in flight software, networking, and ground operations.

**RFK Human Rights Organization**, *US Legal Intern and Sustainable Investing Intern*

New York City, NY | June 2023 - August 2023

- Coordinated ESG investment events (including a 800+ attendee summit), aligning stakeholder needs from 20+ organizations, helping RFK strengthen advocacy in sustainability.
- Supported US Legal team in strategizing for the admittance of incorrect verdicts and advocacy against certain legislation.
- Proposed 3 initiatives to reduce mass incarceration through multi-stakeholder engagement, blending policy, product design, and business goals.

**Benchmark Real Estate**, *Analyst Intern*

Portland, ME | July 2019- August 2019

- Utilized software tools to organize and manage leads, maintain client databases, and track property listings, enhancing overall team efficiency.
- Increased property visibility and faster leasing/sales cycles by collaborating with senior agents to draft property listings, create marketing materials, and execute advertising strategies for 12 properties.

**Asmara Restaurant**, *General Manager*

Portland, ME | Feb 2017 - Present

- Design and implement strategic business and marketing strategy decisions that drive customers to the restaurant and improve ratings by 1 star.
- Implemented strategies to prevent business from failing during COVID where 38 other restaurants in the area couldn't survive
- Accountable for tax filing, accounting, and ordering, amongst other operational task
- Started as a waiter and dishwasher but grew to take on more responsibility.

## Technical Projects

**EcoEquity Website (React, Java, TypeScript, HTML, CSS, Figma)**

- Developed a full stack application, utilizing Java for the backend API connections and algorithmic complexities, and React, TypeScript for a dynamic frontend user experience and fetching functionality.
- Implemented Google's Moshi JSON adapting for storing backend results as usable data objects for fetches from the frontend.
- Provided sustainability conscious beginner investors with ESG data coupled with financial information, giving them the ability to favorite, search, and filter companies through Google Firestore Integration for 100+ public companies.

**Product Design Project for Apriora - Ongoing (Figma, User Research, Product Design)**

- Collaborating with a 4-person team to design a multi-page interactive prototype for a startup, following an iterative design process.
- Created low-fidelity wireframes and sketches to explore divergent design approaches, then synthesized feedback into a high-fidelity mockup.
- Engaging directly with Apriora's founders for critique and stakeholder feedback to refine design and improve user experience.
- Final deliverable includes a fully prototyped, user-tested product interface with documented rationale for design decisions.

**Myelin (Next.js, SupaBass)**

- Created database in SupaBase, carefully crafting schema to fit product functionality and goals
- Implemented database handlers in this Next.js project to access database and conduct operations from front-end interactions
- Implemented user authentication through SupaBase to verify users and keep information secure

## Leadership and Engagement Experience

**Brown Space Engineering**, *Flight Software Team*

February 2023 - Present

- Collaborate with a team of 8 engineers to develop and test embedded flight software of a NASA-funded CubeSat called PVDX. Working on building an operating system from scratch, currently initializing development boards and communicating with sensors.

**Brown Eritrean and Ethiopian Student Association**, *Co-Events Coordinator/Treasurer*

September 2022 - Present

- Organize bi-weekly events with turnouts between 50 and 250 people depending on the event. Manage plan and budget events, as well as file and handle necessary financial paperwork on behalf of the affinity to Brown University as treasurer.
- Managed a budget of \$8,000.

## Interests

FinTech, Software Engineering, Product Management African Economics, ESG, Soccer, Mentorship, Basketball, Music Production, Culture Immersion.