

EDUCATION

Rutgers University

Bachelor of Science in Computer Science

New Brunswick, NJ

Expected May 2027

- **Dean's List:** Spring 2025 (3.91 GPA), Fall 2024 (3.79 GPA)

EXPERIENCE

Nito

Founder & Developer

New York, NY

May 2025 - Present

- Conceptualized and engineered a **React Native** mobile app for university students, facilitating anonymous, timed matchmaking to reduce social anxiety on campus.
- Deployed a **microservices-based** backend on **AWS**, integrating **S3** for image storage, **SES** for email verification, and **Lambda** with **SQS** and **EventBridge** for automated matchmaking and timed reveal phases.
- Implemented database and API infrastructure with **MongoDB** and **Express.js**, integrated **WebSockets** for real-time interactions, and engineered **Python-based vector embeddings** to enable interest-based matchmaking.

Deerect

Software Engineering Intern

New Brunswick, NJ

April 2025 - Present

- Collaborated with a team of **4** to build an innovative platform simplifying tax lien investments for investors.
- Built a responsive waitlist page using **Next.js** and **Tailwind CSS**, integrating Google Sheets via Google APIs to securely store over **150** user sign-ups.
- Designed and developed the platform's initial mockups for **8** sections on **Figma**, including the landing page, user dashboard, settings interface, and waitlist page.

Humanity Unleashed

Software Engineer

Remote

November 2024 - April 2025

- Collaborated in **Agile development cycles** with **200+** college students and industry professionals to build an AI-driven policy-making platform.
- Designed and developed frontend with **Figma**, **React**, and **Tailwind CSS**, implementing secure **Firebase** authentication and debugging to ensure performance.
- Authored comprehensive API documentation for a team of **8** developers and coauthored a research paper analyzing optimal database architectures, supporting team integration and platform design decisions.

PROJECTS

QNotes

October 2025

- Collaborated with a team of 4 to develop an **AI-powered** finance learning platform, earning **2nd place** on the Education track out of **50+** teams at **HackRU Fall 2025**.
- Developed and designed the frontend using **React** and **Figma**, integrating it with the **Python backend** to enable interactive learning through SEC filing summaries that include definitions, quizzes, and AI-powered notes.

Intermodal

October 2024

- Collaborated with a team of **3** to develop a **Swift-based** iOS app for planning multi-stop trips with **5** customizable transportation modes.
- Leveraged NJ Transit data (**220+ stops**) and implemented **MapKit** with **MKDirections** to provide accurate real-time routing and visually distinct navigation paths, enhancing UX with a minimalist, intuitive design.

PUBLICATIONS

- Coauthor, "Creating a Cooperative AI Policymaking Platform through Open Source Collaboration," published on arXiv, December 2024. Available at arXiv:2412.06936.

CERTIFICATIONS

AWS Certified Developer - Associate

August 2025 - August 2028

AWS Certified Cloud Practitioner

June 2025 - June 2028

SKILLS

Languages: JavaScript, C, Python, HTML, CSS, Java, Swift, SQL

Tools & Frameworks: React, React Native, Firebase, Node.js, Express.js, Next.js, Linux, WebSockets, MongoDB, Git/Github, REST APIs, Figma, Visual Studio

Cloud: AWS: S3, Lambda, EventBridge, SQS, SES, DynamoDB, ECS/EKS, API Gateway