

Martin Hema

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Co-op Availability: July 2025 – December 2025

EDUCATION

Northeastern University

Khoury College of Computer Sciences

Candidate for a Bachelor of Science in Computer Science

Honors:

GPA: 3.87/4.00, Dean's List (x3)

Activities:

Kappa Theta Pi, Northeastern Electric Racing

Relevant Coursework:

Object-Oriented Design, Database Design, Mathematics of Data Models, Algorithms & Data Structures, Computer Systems, Discrete Structures

Boston, MA

Sep 2023 – Present

Expected May 2027

TECHNICAL SKILLS

Languages:

TypeScript, Java, JavaScript, SQL, Python, HTML, CSS, Racket/ISL

Frameworks/Technologies:

React, Express, Node.js, RESTful API, PostgreSQL, Docker, Figma, Vite, MUI, Next.js, Tailwind CSS, Prisma, Supabase, Flask, MongoDB, React Native, Expo

PROJECTS

Cookable (In Progress – Full Stack – React – TypeScript – Express – PostgreSQL – Docker)

Dec 2024

- **Developed and launched a scalable social web platform** empowering users to create, self-author, and publish personalized cookbooks and recipes, with real-time sharing capabilities to foster community engagement
- **Implemented dynamic filtering and search functionalities** for recipes and cookbooks, integrating advanced user-defined filters to enhance discoverability and personalization
- **Integrated custom authentication** with a containerized full-stack platform for enhanced flexibility and functionality

CollegeRanks (Full Stack – React – TypeScript – Supabase)

July 2024

- **Built and deployed a global university ranking platform** enabling users to rank and filter **9000+ universities** using a custom weighted scale and provided-metric filtering for personalized comparisons
- **Engineered a custom database** to support dynamic filtering and advanced search, enhancing discoverability
- **Integrated a user-generated review system** to amplify community engagement, adding depth to platform content

LEADERSHIP AND WORK EXPERIENCE

Founder & Co-President

Kappa Theta Pi Professional Technology Fraternity

Boston, MA

May 2024 – Present

- Founded Northeastern's **first co-ed tech fraternity**, promoting professional growth and development
- Built a community of **40+ members**, organizing workshops, networking events, and mentorship programs
- Established **alumni engagement initiatives** to connect members with industry professionals

Student Innovation Developer

Khoury College of Computer Sciences

Boston, MA

Nov 2024 – Dec 2024

- Designed **Figma mockups** and improved a **responsive frontend** for a learning platform with Next.js and Tailwind CSS
- Revamped content creation forms to **streamline workflows** and **improve the user experience** for course creators
- Developed **reusable components** to enhance **platform maintainability**, focusing on a cleaner, **modular architecture**

Software Tech Lead

Northeastern Electric Racing

Boston, MA

Jan 2024 – Oct 2024

- Developed a **full-stack project management dashboard** used by **200+ engineers** for electric race car development
- Coordinated with fellow leadership to **create and implement plans for development** and rollout
- Led a **team of 11+ developers**, providing **guidance, code reviews**, and ensuring project milestones were met

INTERESTS

Spoken Languages:

English (Fluent), Albanian (Native), Greek (Fluent), French (Intermediate)

Hobbies:

Philosophy, Film, Culinary Arts, Hostel-Travel, Basketball, Jazz, Fashion