

# Martin Hema

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Co-op Availability: July 2026 – December 2026

## EDUCATION

### Northeastern University

Boston, MA

Candidate for B.S. in Computer Science, Software Concentration

Sep 2023 - May 2027

Honors: Dean's List Award (x3)

GPA: 3.8/4.0

Activities: Kappa Theta Pi Prof. Tech Fraternity, Sandbox, Northeastern Electric Racing

Relevant Coursework: Object-Oriented Design, Database Design, Network Fundamentals, Algorithms & Data, Programming Languages, Computer Systems

## TECHNICAL SKILLS

Languages: TypeScript, Java, SQL, CSS, C++, Python, HTML, Dr. Racket

Frameworks/Technologies: React, Express, Git, RESTful API, PostgreSQL, React Native, Figma, Supabase, Docker, Datadog, New Relic, Jira, Next.js, TailwindCSS

## EXPERIENCE

### Software Engineering Co-op

Jul 2025 - Dec 2025

DraftKings Inc. (*Casino Web*)

Boston, MA

- Owned frontend architecture and implementation of a new live-blackjack experience for a 28M-user casino platform, building high-performance React features with Jotai-based state orchestration, cache optimization, and UI performance
- Defined end-to-end technical direction, authoring the complete architecture proposal, reverse-engineering legacy systems, and designing new data flows that unlocked scalable game-launch capabilities across backend services
- Led cross-functional delivery by driving execution across Frontend, Backend, Product, and QA—scoping work, writing technical tickets, resolving blockers, and ensuring a clean regression cycle and production-ready launch

### Founder & Co-President

May 2024 - Dec 2025

Kappa Theta Pi Professional Technology Fraternity

Boston, MA

- Founded Northeastern's first professional co-ed fraternity, united by a passion for technology, community, and innovation
- Fostered a community of 65+ academically, socially, and professionally driven members through three recruitment cycles
- Hosted 20+ events including hackathons, resume workshops, co-op panels, networking sessions, social retreats, and philanthropic fundraisers, boosting community engagement and increasing recruitment interest by 40% across semesters

### Software Tech Lead

Jan 2024 - Oct 2024

Northeastern Electric Racing

Boston, MA

- Spearheaded features for a project management dashboard used by 200+ engineers for electric race car development
- Led a team of 11+ developers, facilitating Agile sprints, ticket reviews, and ensuring project milestones were met
- Trained developers on full-stack patterns, including component-based React design and Express.js API development

## PROJECTS

**Kappa Theta Pi National App** | React Native, Expo, TypeScript, Supabase, TailwindCSS, Figma

Jul 2025 - Present

- Designed wireframes and system architecture for a multi-tenant mobile app used by 30+ chapters and 1,200+ members to streamline recruitment and chapter operations across the country's universities
- Developed core features including live event feed, role-based calendar, Instagram integration, advanced member directory, and centralized networking linking social accounts, coursework, and internships
- Implemented Supabase backend with OAuth authentication, TypeScript/React Native + TailwindCSS frontend

**Cookable** | React, Node.js, PostgreSQL, TypeScript, React Query, Docker, Figma

Dec 2024 - Present

- A social web platform for users to author, save, and share personalized cookbooks and recipes
- Developed with React and Express.js, enabling real-time sharing, image hosting, and self-publication features
- Built a secure JWT authentication system using PostgreSQL and bcrypt, ensuring reliable user security

## INTERESTS

**Spoken Languages:**

English (fluent), Albanian (native), Greek (native), French (intermediate)

**Hobbies:**

Film, Cooking, Hostel Travel, Jazz, Literature, Basketball, Fashion, Comics