

Jirath “Bart” Lojanarungsiri

+1 (628)-269-8661 · lojanarungsiri.j@northeastern.edu · [Portfolio](#) · [LinkedIn](#) · [GitHub](#)

Availability: Jun. 2025 – Dec. 2025 | Boston, MA | Bangkok, Thailand

EDUCATION

Northeastern University, Boston, MA, USA

Sep. 2023 – Dec. 2026

Khoury College of Computer Science

GPA: 3.97 / 4.00

Candidate for Bachelor of Science in Computer Science, Concentration in Software, Minor in Mathematics

Relevant Coursework: Web Development, Object-Oriented Design, Algorithms and Data, Computer Systems, Programming in C++, Programming Languages, Linear Algebra, Public Speaking, Intro to Cybersecurity, Mathematics of Data Models

Awards & Honors: Dean’s List, FinHacks Best Startup Potential Winner, Tabor Academy Intermediate Spanish Award

TECHNICAL SKILLS

Languages: Java | Python | TypeScript/JavaScript | Dr. Racket | Kotlin | C++ | HTML/CSS

Frameworks: React | Node.js | Express.js | Next.js | Django | Flask | Bootstrap | TailwindCSS | MongoDB | MySQL | PostgreSQL

PROJECTS

Plonkstars | *Python, Typescript, React, Next.js, TailwindCSS, Flask, MySQL, JWT*

Feb. 2025 – Apr. 2025

- Collaborated on an interactive geolocating game inspired by GeoGuessr, integrating Google Maps API for Streetview coverage and React-Leaflet for dynamic, pin-based guessing, and implemented with \$0 production costs
- Reduced location-based request times from 15s to 2.1s (86% improvement) by implementing caching mechanisms, improved database queries, and chunk-based coordinate generation
- Obtained 17,000 page views and average user sessions of 37 minutes pre-launch by enhancing UX and game replayability

High Card | *Typescript, React, Next.js, Node.js, MongoDB, TailwindCSS*

Jan. 2025 – Feb. 2025

- Won “Best Startup Potential” Award at FinHacks 2025 out of 150+ competitors, and admitted into a mentorship program as part of McCarthy’s Venture Mentoring Network to continue the project
- Co-developed a dynamic credit card management platform that recommends the optimal card across 10 merchant categories, maximizing cashback rewards up to 5% and simplifying financial decision-making for users
- Engineered a recommendation engine, analyzing 50+ card types and user spending to deliver percentage-based comparisons

Canvas Clone | *Typescript, JavaScript, React, Node.js, Express.js, MongoDB, Bootstrap*

Oct. 2024 – Dec. 2024

- Developed a full-stack web app replicating core features of the learning management platform, 'Canvas,' including user authentication, course management, and interactive quizzes that persists in MongoDB
- Offered role-based access for students (enroll/unenroll, check assignments), teachers (manage courses, assignments, quizzes), and administrators (manage users, courses, content)
- Built RESTful API with NodeJS and ExpressJS enabling robust CRUD operations for users, course, assignment, and quizzes

LEADERSHIP EXPERIENCE

Northeastern University Oakland

Jan. 2024 – Apr. 2024

Farm Crew

Oakland, CA

- Processed 20+ transactions daily, maintaining transaction accuracy and providing customer service at the farm stand
- Boosted bouquet sell-through rate from 30% to 100% by refining bouquet designs through customer feedback
- Iterated with Farm Crew to optimize the farm stand layout, reducing setup time by 12 minutes and increasing selling hours

Asian Student Alliance

Sep. 2023 – Apr. 2024

Vice-President

Oakland, CA

- Coordinated biweekly e-board meetings to distribute tasks across 6 team members, ensuring seamless club initiatives
- Co-led planning and logistics for 2 large-scale events, each attracting 300+ attendees (Diwali and Asian Night Market)
- Cultivated relationships with 5+ campus organizations to drive engagement, resulting in 30% increase in event participation

Club Greenovation

Sep. 2023 – Apr. 2024

President

Oakland, CA

- Engaged 100+ participants through a campus-wide scavenger hunt that raises awareness of green campus initiatives
- Removed 800+ plastic fragments by organizing a beach cleanup in partnership with a local organization
- Secured \$500 in funding for the hydroponics initiative to campus faculty through data-driven presentation