

Ali Younes

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EDUCATION

Northeastern University

Boston, MA

Bachelor of Science in Computer Science

Expected May 2027

- **Relevant Coursework:** Algorithms & Data Structures, Object-Oriented Design, Artificial Intelligence, Database Design, Programming in C++, Discrete Structures, Fundamentals of CS 1 & 2.
- **Activities:** Northeastern Wrestling, Powerlifting Club, Arab Student Association.

EXPERIENCE

Philips

Cambridge, MA

Software Engineering Co-op (System Integration)

Jan. 2026 – Present

- Spearheading the automation of critical testing workflows for the PIC iX patient monitoring platform using PowerShell and C#, targeting a projected 85% reduction in test environment setup time.
- Leading system integration efforts across Windows, Linux, and DOS environments, ensuring software stability and compatibility for legacy and modern enterprise healthcare infrastructure.
- Streamlining the CI/CD pipeline by developing robust scripts to eliminate manual configuration errors, actively reducing technical debt and improving testing reliability for upcoming releases.

Top Choice Realty

New York, NY

FrontEnd Developer Intern

Apr. 2024 – Aug. 2024

- Engineered and launched a full-stack client management web application using React, Python, and SQL, reducing average client lookup time by 85% (from 5+ minutes to 45 seconds) for 20+ office staff members.
- Created user-friendly interfaces with guided navigation and visual search tools, empowering non-technical agents to independently access 800+ client records, eliminating 90% of IT support requests.
- Optimized database queries and implemented caching mechanisms that accelerated data retrieval by 3x, saving the team 15+ hours weekly in administrative tasks and improving client response times by 60%.

PROJECTS

Moops Bookstore | [Live Demo](#) | [GitHub](#)

Jun. 2025 – Oct. 2025

- *Tech Stack:* TypeScript, React, Node.js, MongoDB, AWS
- Architected a full-stack TypeScript application with React 19 and Node/Express serving 100+ daily API requests; implemented JWT authentication and role-based admin controls for content moderation.
- Designed a RESTful API with 8+ endpoints integrated with MongoDB Atlas, featuring optimized Mongoose schemas for users, books, and reviews with relationship mapping.
- Deployed production-ready app to GitHub Pages and Heroku with automated CI/CD pipeline and health monitoring.

Exerly Fitness | [Live Demo](#) | [GitHub](#)

Jun. 2025 – Oct. 2025

- *Tech Stack:* React, Express, PostgreSQL, Docker, JWT
- Developed a full-stack fitness platform managing 1000+ entries across 50+ users; built an Express API with PostgreSQL to perform comprehensive macronutrient analysis.
- Engineered an admin dashboard with system analytics and data oversight tools, utilizing secure JWT authentication with bcrypt password hashing.
- Designed a responsive glassmorphism UI using React hooks, CSS Grid/Flexbox, and a custom theme; deployed to GitHub Pages (frontend) and Heroku (backend).

TECHNICAL SKILLS

Languages: TypeScript, C#, Python, Java, C++, SQL (PostgreSQL), PowerShell, Bash, JavaScript

Frameworks: React, Node.js, Express, .NET, React Router, Material-UI, Vite

Developer Tools: Git/GitHub, Docker, AWS, Linux, Windows, REST APIs, Jest/JUnit, JWT Auth, CI/CD