

# Ali Younes

(413) 409-9563 | [Younes.al@Northeastern.edu](mailto:Younes.al@Northeastern.edu) | [Linkedin Ali-Younes](#) | [Portfolio](#) | <https://github.com/whoisaldo>

## EDUCATION

**Northeastern University**, Bachelor in Computer Science

Class Of 2027

**Activities:** Northeastern Wrestling, Powerlifting Club, Arab Student Association

Boston MA

## RELEVANT COURSEWORK

Fundamentals Of Computer Science 1 & 2, Object-Oriented-Design, Cornerstone of Engineering, Artificial Intelligence, Discrete Structures, Game Design, Programming in C++, Algorithms and Data Structures

## EXPERIENCE

### FrontEnd Developer Intern

Apr 2024 - Aug 2024

*Top Choice Realty*

New York, NY

- 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 real estate agents to independently access and manage 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%

### Computer Technician Intern

Jun 2023 - Sep 2023

*Robert DeFalco Realty*

New York, NY

- Provided on-site technical support across 3+ office locations, setting up and configuring 15+ computer systems with Windows, macOS, and Linux operating systems to ensure seamless hardware and software operation.
- Troubleshooting and resolving 25+ technical issues spanning different OS platforms and hardware configurations, optimizing performance and maintaining 95%+ system uptime across all office sites.

## PROJECTS

### Moops Bookstore — Social Book Tracking Web App ([Live Demo](#))

Jun 2025 - Oct 2025

- Architected 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 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 endpoint
- Tech Stack:** React (TypeScript), React Router, MUI, Axios, Node/Express, MongoDB (Mongoose), GitHub Pages, Heroku, MongoDB Atlas.

**Github Repo:** <https://github.com/whoisaldo/MoopBookstore>

### Exerly Fitness — Gym Progress Tracking App ([Live Demo](#))

Jun 2025 - Oct 2025

- Developed full-stack fitness platform with workout, nutrition, and sleep tracking. Built Express API with PostgreSQL, managing 1000+ entries across 50+ users with comprehensive macronutrient analysis
- Engineered admin dashboard with user management, system analytics, and data oversight tools. Implemented secure JWT authentication with bcrypt password hashing and role-based access control
- Designed responsive glassmorphism UI using React hooks, CSS Grid/Flexbox, and custom purple gradient theme. Deployed to GitHub Pages (frontend) and Heroku (backend) with SQLite fallback for local development

**Tech Stack:** React, Node/Express, MongoDB, JWT auth, Heroku

**Github Repo:** <https://github.com/whoisaldo/Exerly-Fitness>

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, SQL, Python, Java, C++, C#, Racket, Lua/LuaU

**Frameworks & Libraries:** React, Node.js/Express, React Router, MUI, Vite, Tkinter

**Databases:** MongoDB (Mongoose, Atlas), PostgreSQL, MySQL

**Tools/DevOps:** Git/GitHub, REST APIs, Jest/JUnit, Linux, Heroku, GitHub Pages, JWT auth, AWS (Cloud), Docker

**Spoken Languages:** English (Native/Bilingual), Arabic (Native/Bilingual), French (Limited Working)