

Ali Younes

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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)