Ali Younes

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EDUCATION

Northeastern University, College of Engineering   *Boston, MA*
Bachelor of Engineering in Computer Engineering & Computer Science   *Class Of 2027*
Activities: Northeastern Wrestling, Powerlifting club, Arab Student Association

RELEVANT COURSEWORK

Fundamentals Of Computer Science	Object-Oriented-Design	Fundamentals Of Computer Science 2
Cornerstone of Engineering	Artificial Intelligence	Discrete Structures
Game Design	Programming in C++	Calculus

EXPERIENCE

FrontEnd Developer Intern   Apr – Aug. 2024
Top Choice Realty   New York, NY

• Collaborated with cross-functional teams to troubleshoot and improve UI/UX design while implementing backend scripts using Python.

• Designed and implemented a data management system to store and cross-reference information on past clients and agents, improving operational efficiency.

• Optimized frontend interfaces by integrating user feedback and backend improvements, enhancing overall user experience and functionality.

Computer Technician Intern   June – Sept. 2023
Robert DeFalco Realty   New York, NY

•Set up and configured computer systems, ensuring smooth hardware and software operation across the office.

 •Diagnosed and troubleshooted technical issues, resolving hardware malfunctions and optimizing software performance.

PROJECTS

Sumo Wrestling Robot — Northeastern COE   Sept. 2023 - Nov 2024
•Designed, programmed, and optimized a sumo wrestling robot with advanced sensor integration and strategic algorithms. Programmed in C++.
• Achieved exceptional performance in competition, surpassing peers with effective design and execution.

Moops Bookstore — Social Book Tracking Web App ([Live Demo](#))   June 2025–Present
 • Full-stack app where readers add books, write reviews, follow other users, and manage profiles; includes admin moderation and a public API health check. Frontend and API are both deployed to production.
Tech Stack: React (TypeScript), React Router, MUI, Axios · Node/Express, MongoDB (Mongoose), JWT · GitHub Pages, Heroku, MongoDB Atlas.
Github Repo: https://github.com/whoisaldo/MoopBookstore

Exerly Fitness — Gym Progress Tracking App ([Live Demo](#))   June 2025 -Present
• Built an end-to-end fitness tracker where users record sets/reps and nutrition, get AI suggestions for the next session, and see trends (volume, intensity, calories) via a clean dashboard; secure accounts and session tokens.
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, Django (basics)
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), French (Limited Working)