

# Ali Younes

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## EDUCATION

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

## RELEVANT COURSEWORK

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

## EXPERIENCE

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**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 robust 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

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**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

**Advanced Password Generator** May. 2024

- Developed a customizable tool for generating secure passwords, supporting adjustable length, complexity, and passphrase options.
- Utilized JavaScript (React.js) for the frontend and Node.js for the backend with AES-256 encryption for secure storage.

**Gym Progress Tracking App ([Exerly-Fitness](#))** June 2024 -Present

- Developing an AI-powered mobile application and implementing machine learning algorithms to streamline fitness tracking, dieting and personalize workout place.

## TECHNICAL SKILLS

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**Programming Languages:** Lua, LuaU, Python, Java, C++, C#, Racket, JavaScript  
**Frameworks & Libraries:** Django, ReactJS, Tkinter  
**Languages:** Arabic & English - Native/Bilingual (ILR Level 5) French- Limited Working Proficiency (ILR Level 2)