

# Mohammad Jawad Allouche

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## EDUCATION

**Lebanese American University**  
Bachelor of Science in Computer Science

September 2023-present

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## PROJECTS AND EXPERIENCE

### AI Chat Application | Full-Stack Development

November 2024-December 2024

- Built a secure and scalable AI chatbot using the MERN stack (MongoDB, Express, React, Node.js) with TypeScript.
- Implemented JWT authentication, HTTP-only cookies, and secure user sessions
- Integrated OpenAI API with responsive Material UI frontend and MongoDB data persistence
- Developed RESTful API endpoints with Express-validator middleware and error handling

### Private Tutor, Beirut, Lebanon

September 2022-August 2023

- Worked as a private tutor, teaching Physics, Mathematics, and Chemistry to students.
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## LEADERSHIP AND COMMUNITY ENGAGEMENT ACTIVITIES

### Lebanese American University

- President of the Human Rights Club  
Communicating with guests and speakers for the debates and events that occur on campus. September 2024-Present
- Member in the Computer Science Club  
Participating in several activities and awareness campaigns virtual and on campus related to cyber security, data science, deep learning, AI etc. October 2023-Present

### Local NGOs

- Volunteered with local NGOs like Food blessed, Civil Defense, and Marathon Beirut.
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## WORKSHOPS AND TRAININGS

### Completed The Complete 2024 Web Development Bootcamp on Udemy

September 2024- December 2024

- Covered Front-End Development (HTML5, CSS3, JavaScript ES6, Bootstrap, React.js) and Back-End Development (Node.js, Express.js, SQL, PostgreSQL, REST APIs, Authentication). Built real-world projects, including web apps, using tools like Git and GitHub.

### Done series of Soft Skills and Technical workshops at Lebanese American University such as:

- Cyber Security workshop
  - A Deep Dive into Information Security
  - Team Building Workshop
  - Time Management workshop
  - Kickstart Your Career in Tech
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## SKILLS

- **Programming & Web Development:** Java, Python, JavaScript ES6, Bootstrap, React.js, Node.js, Express.js.
- **Database Management:** SQL, PostgreSQL, MongoDB.
- **Version Control & Tools:** Git, GitHub.
- **General Skills:** Problem-solving skills, public speaking, Teamwork, Analytical skills.
- **Languages:** Fluent in English and Arabic.