Resume

Software engineer

Personal details

Name	Adam Hussein
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Profile

Senior Computer Science student at the Lebanese American University with a strong passion for software engineering, problem-solving, and continuous learning. Experienced in multiple technologies including Java, C#, ASP.NET Core, SQL, JavaScript, PHP, Flutter, and AWS. Open to opportunities across mobile development, full-stack web development, cloud computing, and technical consulting. Eager to contribute to innovative projects and grow as a versatile developer.

Education

Sep 2022 - May 2025

BS in Computer Science
Lebanese American University (LAU), Beirut

Internships

Jun 2024 - Aug 2024

Full-stack developer
IDS-Integrated Digital systems
-Developed and maintained dynamic web applications using PHP for backend logic and MySQL for database management.
-Designed and implemented responsive user interfaces using HTML, CSS, and JavaScript.
-Collaborated with the team to enhance user experience and optimize website performance.
-Participated in the full software development lifecycle: planning, coding, testing, debugging, and deployment.
-Gained hands-on experience in integrating frontend and backend components for seamless functionality.

Employment

Feb 2025 - Present

Part time Coding Tutor
Geek Express, beirut
-Taught coding and technology concepts to students aged 8–16 in an engaging and beginner-friendly manner.
-Delivered interactive lessons on Machine Learning for Kids, Scratch programming, MIT App Inventor, and web development using HTML, CSS, and JavaScript.
-Guided students through hands-on projects to build real-world applications and

improve their problem-solving skills.
-Adapted teaching methods to suit different learning styles and foster a fun, creative environment.
-Encouraged curiosity and digital literacy among young learners, supporting Geek Express's mission to empower youth through STEAM education.

Feb 2024 - Jan 2025

Swimming Instructor
We swim Academy, lebanon
•Provided swimming lessons to students of various ages and skill levels while adapting techniques to meet individual needs.
• Developed creative and engaging lesson plans to ensure students remain motivated and interested.
• Communicated regularly with parents to update them on their child's progress.

May 2023 - Present

Freelance private tutor for science and coding subjects
•Provided personalized tutoring sessions in math, physics and python coding to students of various academic levels.
• Maintained regular communication with students and parents, providing updates and setting goals for continuous improvement.

Projects

Tourism guide application for Lebanon (Capstone)
-Built a cross-platform mobile app using Flutter and Firebase to promote tourism in Lebanon.
-Implemented categorized location listings (restaurants, banks, shops, etc.) with search and filter functionality.
-Developed user authentication, profile management, and "Add Missing Place" contribution feature.
-Integrated a TripAdvisor-style chatbot assistant and chat history persistence with SharedPreferences.
-Applied theme switching (light/dark mode) and real-time database integration for dynamic content.
-Focused on enhancing user experience with clean UI, navigation drawer, and responsive design.

Database Management system, Red-cross Company
• Collaborated with team members to divide tasks and ensure efficient project completion.
• Oversaw the design and implementation of the ER diagram and relational schema.
• Executed SQL queries for creating tables and implementing database functionalities. • Ensured database security through implementation of access controls using GRANT and REVOKE commands.
• Managed the coordination of tasks among team members

Skills

C# Programming

Entity Framework

ASP.NET MVC

SQL Database Management

Problem Solving

Agile Methodologies

Version Control Systems (Git)

PHP

Html, css, javascript

java, android studio

AWS

Networks

flutter

Languages

English	Fluent
French	Fluent
Arabic	Fluent
Turkish	Good

Hobbies

■ Swimming

■ Traveling

■ Gym

■ Sports in general

Courses

Data structures and algorithms
- In-depth understanding of fundamental data structures such as arrays, linked lists, stacks, and queues.
- Proficient in algorithm analysis and design, including sorting and searching algorithms.
- Experience with advanced data structures like trees, graphs, and hash tables.

web development
- Building Web Applications with .NET
- RESTful Web Services in .NET
- Advanced Entity Framework in .NET

Mobile development
- Developed Android applications using Android Studio and Java.
•Designed responsive UI layouts with XML and Material Design.
•Implemented core Android components like Activities, Fragments, and Intents.
•Worked with SQLite and Room for data storage.
•Integrated RESTful APIs using Retrofit and Volley.
•Gained experience in debugging and app optimization.
•Used Git for version control and collaboration.