Hassane Jaber

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○ https://github.com/HassaneJaber

Education

BE - Computer Engineering, *Lebanese American University*　　　　2023 Jan –present Beirut, Lebanon

French Baccalaureate - Scientific Baccalaureat, *Lycee Abdel Kader*　　2007 Sep – 2022 Jun

Professional Experience

Microsoft Certified Trainer, *Geek Express* (2024 - Present)　　　　2024 - present
• Delivering interactive, project-based lessons in JavaScript, Lua, GDevelop, and Scratch to students of various skill levels.
• Designing and implementing engaging coding exercises to enhance problem-solving skills.
• Mentoring students and guiding them through real-world programming challenges to foster creativity and critical thinking.

Private Tutor, *Self-Employed* (2025 - Present)　　　　　　　　2025- present
• Providing personalized lessons in Java, JavaScript, Mathematics, and Physics tailored to students' learning needs.
• Developing custom exercises and problem-solving strategies to strengthen students' analytical thinking.
• Monitoring student progress and adapting teaching techniques to ensure continuous improvement and confidence building.

Extra-curricular and Volunteering Activities

Artificial Intelligence and Cognitive Science Club　　　　　　　2024-present

Clubs: Google Developer Student Club　　　　　　　　　　　2023-present

Member in the IEEE - Institute of Electrical and Electronics Engineers　　2023-present

Member of the Lions Lions Beirut Midwest- Volunteering Organization　　2020-present

Projects

Event Registration System-2025
Developed a Laravel-based web system for event registration, featuring user authentication, role-based access, event filtering, and an admin panel for efficient event management.

Leo - AI Tech Assistant-2025
Created an AI-powered chatbot using PHP, JavaScript, MySQL, Bootstrap, and OpenAI API to assist users with coding and debugging, featuring speech recognition, text-to-speech, and structured responses.

Spam Classifier Web App-2025
Developed a spam detection web app using Python, Flask, Scikit-Learn, and SQLite, employing a Naïve Bayes classifier for real-time message classification with live spam statistics and reporting features.

C++ Tic-Tac-Toe with AI-2025
Built a console-based Tic-Tac-Toe game with a Two-Player mode and an unbeatable AI using the Minimax algorithm. Features win/draw detection, an interactive UI, and a replay option.

GuestHouse Booking-2024
Developed a web-based application using PHP, HTML, CSS, AJAX, JavaScript, and SQL for guesthouse reservations, enabling efficient booking management for users and administrators.

Java Snakes and Ladders App-2024
Designed a two-player Snake and Ladder game with a Java GUI, featuring a dynamic board, dice-based movement, and an interactive interface.

Trivia Game-2024
Built a Java-based Trivia Game with a JavaFX UI, dynamically selecting 10 questions per round from a pool of 30 for variety. Upgraded UI and functionality with JavaFX for enhanced user interaction.

Real-Time Stock Trading Dashboard - 2025
Developed a Laravel-based stock trading dashboard featuring live stock price updates using Pusher & Laravel Echo. Users can buy, sell, and track stocks with a portfolio management system, watchlist, and secure transactions stored in MySQL. Integrated Alpha Vantage API for real-time stock data and designed the UI with Tailwind CSS.

Skills

Programming Languages
Java, JavaFX, C++, Python, Lua, Html, CSS, Javascript , PHP, SQL, Laravel, Flask, Bootstrap

Languages
Arabic | English | French

Certifications

Front-End Web Development Certification – Youbee.ai-2024

Completed comprehensive training in HTML, CSS and JavaScript for responsive web design.

Back-End Web Development Certification – Youbee.ai-2024

Gained proficiency in server-side programming, database integration using back-end technologies.

Fundamentals of Database Certification – Youbee.ai-2024

Acquired knowledge in database design, SQL queries, and database management systems (DBMS).

C++ Programming Certification (Advanced Concepts Included) – Youbee.ai-2025

Covered object-oriented programming, data structures, algorithms, and advanced programming paradigms in C++.