

Wael Mahfouz

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Professional Summary

Computer Science Lecturer and Full-Stack Developer with a Master's degree in Computer Science and experience in teaching, software development, and applied data systems. Adept at delivering engaging, practical lessons in programming, web technologies, and information systems. Demonstrated expertise in data management, automation, and software engineering, supported by strong communication and mentoring skills developed through academic and professional training roles. Passionate about fostering innovation, critical thinking, and hands-on learning in computer science education.

Experience

WEB DEVELOPMENT TRAINER | MERCY CORPS | AUG 2024 - PRESENT | REMOTE

- Designed and delivered a 10-session training program on HTML, CSS, JavaScript, and freelancing skills for 15 participants.
- Focused on hands-on, project-based learning and real-world application of programming concepts.
- Achieved a 90% satisfaction rate and guided students in launching their first freelancing projects.
- Currently preparing new course modules that integrate modern web technologies and responsive design principles.

POS SYSTEM DEVELOPER | MAY 2024 | REMOTE & ON-SITE

- Designed and developed a full Point-of-Sale and Inventory Management System using Excel VBA, MySQL, and PHP.
- System manages sales, suppliers, and transactions, providing real-time analytics and reporting.
- Currently deployed in four businesses; integrating automation modules for reporting and data synchronization.
- Demonstrated applied research in information retrieval and clustering concepts relevant to academic coursework.

FREELANCE FULL-STACK WEB DEVELOPER | JUN 2021 | REMOTE

- Completed over 32 projects for 20+ clients, creating scalable and responsive web solutions.
- Implemented secure databases, optimized performance, and developed API-driven applications.
- Enhanced client systems' efficiency and usability through structured design and code optimization.
- Specialized in backend and database design, improving performance and reliability by up to 60%.
- Provided consultation and mentorship for clients on modern web technologies and digital transformation.

IT & ACCOUNTING OFFICER | CAR CLINIC GARAGE | FEB 2025 - PRESENT | MACHGHARAH, LEBANON

- Oversee IT systems including network setup, data backup, and system maintenance.
- Implement and manage accounting and inventory systems integrated with automated reporting.
- Provide IT support and digital training for staff, enhancing overall productivity.

FREELANCE IT TECHNICIAN & NETWORK SPECIALIST | MECHGHARAH, LEBANON | FEB 2024 - PRESENT

- Installed and configured networks, operating systems, and software environments for small businesses.
- Provided training and technical guidance to end users to ensure efficient system use.

FIRST AID AND FIRST RESPONDER TRAINER | LEBANESE RED CROSS | DEC 2022 - PRESENT | LEBANON

- Trained over 1,500 participants through structured and interactive workshops.
- Gained valuable experience in communication, presentation, and curriculum delivery.

Education

MASTER OF SCIENCE IN COMPUTER SCIENCE | JUNE 2025 | LEBANESE INTERNATIONAL UNIVERSITY

- Thesis: Effect of Classification on Precision and Recall (Information Retrieval and Clustering)
- GPA: 3.79 / 4

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | JUNE 2022 | LEBANESE INTERNATIONAL UNIVERSITY

- GPA: 3.58 / 4

Skills & Abilities

TECHNICAL SKILLS

Teaching & Academic: Curriculum Development • Classroom Instruction • Mentoring & Assessment • Research & Reporting • Project-Based Learning

Programming & Tools: PHP • MySQL • JavaScript • HTML • CSS • Excel VBA • Power BI • WordPress • Microsoft Office

Systems & Data: Databases • Networking • System Administration • Data Backup & Security • Information Retrieval

Emerging Areas: AI Fundamentals • Machine Learning Concepts • Data Science Principles • Automation Systems

SOFT SKILLS

Public Speaking • Communication • Leadership • Critical Thinking • Team Collaboration • Problem Solving • Adaptability • Detail-Oriented