

Houssam Khaled

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in full-stack web development, IT support, and software engineering. Proficient in JavaScript, Python, React, Node.js, and SQL. Experienced in building web applications, troubleshooting enterprise IT systems, and teaching programming concepts. Seeking a software development or IT role to apply technical skills in a professional environment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C#, Java, HTML, CSS, SQL

Frameworks & Libraries: React, Node.js, Flask, jQuery, Ajax, .NET Core

Databases: SQLite, Microsoft SQL Server, Azure Data Studio

Tools & Platforms: Git, GitHub, Visual Studio Code, Unity, VirtualBox, Jupyter, Spyder

Languages: Arabic (Native), English (Native), French (Fluent)

WORK EXPERIENCE

Computer Science Teacher | Najd National Schools, Riyadh, Saudi Arabia

Aug 2025 – Present

- Design and deliver curriculum for 4th, 5th, 9th, and 10th grade students covering programming fundamentals and computer science concepts.
- Develop lesson plans aligned with national standards, adapting teaching methods to different age groups and skill levels.
- Introduce students to coding concepts using structured exercises and real-world examples.

Full-Stack Development Intern | Integrated Digital Systems, Beirut, Lebanon

Jun 2023 – Aug 2023

- Collaborated with a development team to build a meeting booking web application from the ground up.
- Designed and implemented a relational database using Microsoft SQL Server and Azure Data Studio.
- Developed front-end UI components using HTML, CSS, jQuery, and Ajax.
- Built and integrated RESTful API endpoints using .NET Core.

IT Intern | AUBMC IT Medical Center Applications, Beirut, Lebanon

Oct 2024 – Dec 2024

- Provided end-user technical support for enterprise medical imaging systems including AGFA EI PACS, Philips Intellispace, and Xero Viewer.
- Diagnosed and resolved connectivity issues between hospital modalities and third-party applications.
- Updated and maintained workflow documentation for critical hospital IT applications.
- Monitored application worklists and performed quality control to ensure uninterrupted operations.

Data Collector / Enumerator | Bridge. Outsource. Transform., Beirut, Lebanon

Jan 2025 – Jul 2025

- Conducted structured survey interviews with participants across Beirut as part of a research initiative.
- Applied enumeration methods to identify and recruit eligible participants aged 50+.
- Maintained accurate data records in compliance with project protocols.

PROJECTS

Meeting Booking Web Application

- Built a full-stack meeting scheduling platform using HTML, CSS, JavaScript, .NET Core API, and Microsoft SQL Server.

Cinema Booking Website

- Developed a seat reservation and booking web app using HTML, CSS, and JavaScript.

2D Helicopter Game

- Designed and developed a 2D game using the Unity engine, implementing game mechanics and UI.

NASA Space Apps Hackathon – Star Dust Team (Co-Leader)

- Co-led a team in a 48-hour global hackathon, developing a space-themed application in response to a NASA challenge.

CERTIFICATIONS

- Software Development – Holberton School (Nov 2024 – Aug 2025)
- Responsive Web Design – freeCodeCamp (2024)

EDUCATION

B.S. in Computer Science | Lebanese American University, Beirut, Lebanon *Sep 2021 – Jun 2024*

- Relevant Coursework: Web Development, Software Engineering, Operating Systems, Machine Learning, Game Programming

Lebanese Baccalaureate – Life Sciences | Saint Mary's Orthodox College, Beirut, Lebanon *Sep 2007 – Jul 2021*