

Osama Iskandarani

Computer Scientist & Software Engineer

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EXPERIENCE

Hack4Impact AUB Chapter, Beirut — Engineering Director

Dec 2022 - Present

Organizing a MERN Stack bootcamp, a Web Development workshop, and a NumPy and SciPy workshop, where I lecture and teach students through open book quizzes.

American University of Beirut (AUB), Beirut — Lab Instructor Assistant

Sep 2022 - Present

Guiding and ushering students through lab work in business computing, intermediate computer programming, and data structures.

Mastermind Software Engineering, Remote — Software Engineer Intern

Jan 2023 - Jan 2023

Developed a C# console application for a client in the United States, where software engineering disciplines were put into action. My tasks included devising algorithms, reading and parsing CSV data in C# and JavaScript, and visualizing the data in a bubble chart using Chart.js and Node.js.

Amazon Web Services (AWS) | AUB IEEE Mentorship Program, Remote — Flutter Developer Mentee

Aug 2022 - Sep 2022

Developed the frontend of PARK NOW, a parking system application whose main features include finding parking spots using the MapBox API, storing user information in a Firebase database to keep track of spot reservations, and including a smooth UI design.

EDUCATION

American University of Beirut (AUB), Beirut — BS in Computer Science

Aug 2021 - Jun 2024

PROJECTS

SONGIFY — Music Web Application

FORCE - 111 — Military Simulation Application

Infinity — Stellar Simulation Application

TECHNICAL SKILLS

Languages: Java, C/C++, C#, Python, JavaScript, Dart, R, HTML, CSS.

Frameworks: dotNET 6 API & MVC, MERN Stack, Chart.js, Flutter.

Libraries & APIs: NumPy, SciPy, matplotlib, Java Swing, Unity3D, Bootstrap.

Applications & Software: Android Studio, Git, Unity, Azure Data Studio, SQL Management Server, Twine.

EXTRACURRICULARS

CSSS Junior Representative

2022 NASA Space Apps Challenge

2022 Global Game Jam: Duality

2022 Global Challenge Lab: Climate Action

LANGUAGES

English (Bilingual), Arabic (Bilingual), German (Basic)