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Karim Araybi

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Beirut, Lebanon

EDUCATION

Lebanese American University, Beirut, Lebanon

Expected Graduation Spring 2024

Bachelor of Science in Computer Science

CGPA: 3.42/4.0

Ecole Notre Dame Mousseitbeh, Beirut, Lebanon

2021

Lebanese Baccalaureate in General Sciences

RELEVANT COURSEWORK

- Parallel Programming for Multicore & Cluster Systems
- Algorithms and Data Structures
- Operating Systems
- Database Management Systems
- Software Engineering
- Computer Organization
- Game Programming

PROJECTS

Lebanese American University, Beirut, Lebanon

Parallel Programming Project

2023

- Parallelized different layers of a Convolutional Neural Network for Hand-Written Digit Recognition using MPI, OpenMP and CUDA.

Game Development Project

2023

- Designed and built a 2D platformer adventure game using Unity.
- Utilized agile development methodologies to ensure timely delivery and budget efficiency.
- Created engaging levels and mechanics.

Software Engineering Project

2023

- Gathered user/system requirements and specification then designed an e-commerce website.
- Implemented and tested various components/pages of the website.

Database Management Systems Project

2022

- Designed and implemented a fully functional pet store database using Oracle and SQL.

Ecole Notre Dame Mousseitbeh, Beirut, Lebanon

2019-2020

- Coded and built interactive devices using Arduino.

Geek Express, Beirut, Lebanon

2019

- Designed and coded multiple 2D and 3D games using Unity game engine and C#.

VOLUNTEERING & EXTRACURRICULAR ACTIVITIES

- LAU Computer Science club, member, 2021-2022
- BeirutAI x AWS Beirut, deep learning sentiment analysis workshop, participate, 2023
- Université Saint Joseph-Interschool Francophone Debating Championship, participate, 2019
- Geek Express, completed the game development track, 2019
- Ecole Notre Dame Mousseitbeh, hosted a dinner for orphans, 2019
- Dar Al-Aytam Aramoun, hosted and organized two events for orphans, 2018-2019

PROGRAMMING SKILLS

Programming languages: Python, Java, C, C#, C++, SQL, HTML, CSS, JavaScript and MIPS.

Computer skills: Unity, Oracle, Arduino, Intel FPGA, Linux, Virtual Machines and Microsoft Office.

LANGUAGES

Fluent in English, French, and Arabic.