Karim Hallal

Address: Beirut, Lebanon
Phone Number: +961-81-394-016
E-mail: karim.hallal@lau.edu
LinkedIn

EDUCATION

Lebanese American University, Beirut, Lebanon   Expected graduation date Spring 2025
Bachelor of Science in Computer Science
CGPA: 3.85/4.0

Al Mayadeen College, Nabatiyeh, Lebanon   2022
Lebanese Baccalaureate in Life Sciences
Ranked Tenth in Lebanon 18.9/20

PROJECTS

- **Complete Relational Database:** A full Database project regarding a police station whereby a relational database was established, and Oracle express was used for SQL queries.
- **RISC processor:** A project entailing the process of building the data path of a RISC processor in LEGv8 with comprehensive explanation of the flow of multiple instructions executed by the CPU.
- **Snake Game:** A game developed using Python's turtle library, applying concepts of object-oriented programming, classes, polymorphism, and inheritance.
- **Pong:** A game developed using Python's turtle library, applying OOP concepts.
- **Cifar-10:** A simple deep learning image classification model using TensorFlow.
- GitHubWebsite**:** A travel agency themed website using HTML and CSS to showcase various cities and travel destinations. The site includes interactive elements and detailed information about each location.
- Portfolio: a fully fledged portfolio using HTML and CSS.
- Tic-Tac-Toe: A website of the infamous tic-tac-toe game developed using HTML, CSS, and JavaScript.

RELEVANT COURSEWORK

- Operating Systems
- Introduction to Object Oriented Programming
- Web Development
- Differential Equations
- Algorithms and Data Structures
- Database Management Systems
- Objects and Data Abstraction
- Software Engineering
- Computer Organization and Architecture

VOLUNTEERING AND EXPERIENCE

- Volunteered at Nabatieh Governmental Hospital   09/21 – 10/21
- Organized an event with Jaamiyat Al Aamal Al Khayri Li Abnaa Habbouch   06/23 – 07/23
- Tutored Math to high-school students   07/23 – 08/23
- Certified Trainer at Geek Express   01/24 – Present

COMPUTER SKILLS & LANGUAGES

- Java, Python, SQL, C, TensorFlow, Git, GitHub, HTML, CSS, and JavaScript
- Computer Proficiency: Microsoft Office
- Fluent in spoken and written Arabic and English