Mahdi Harb

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Vancouver, Canada / Beirut, Lebanon

EDUCATION

From Sep/2020 to May/2024	*American University of Beirut*	Beirut, Lebanon

B.E, Computer and Communication Engineer.

GPA: 4.0/4.0

Enlisted on the Dean's Honor list every semester.

Ranked in the top 3 of my class in every semester.

RELEVANT COURSES

Advanced Data Structures and Algorithms   Software Engineering

Object Oriented and Effective Java Programming   Introduction to Machine Learning

Computer Organization and Operating Systems   Digital Systems Design

Introduction to Computation and Programming

EXPERIENCE

From Jan/2023 to May/2023	*Teacher Assistant*	Beirut, Lebanon

American University of Beirut

EECE 290: Analog Signal Processing

Circuit Analysis

PSPICE

PROJECTS ACCOMPLISHED

Driver Drowsiness Detection System:

Developed a Driver drowsiness detection system, which checks the driver's drowsiness while driving and alerts him in case of drowsiness to avoid car accidents.

Implemented the application using OpenCV, TensorFlow, Keras, Pygame in python.

Chatting Application:

Developed a reliable peer to peer chatting application with a GUI that supports the transmission of text, images, videos, documents and files.

Implemented the application using socket programming in Python.

Basketball Management Website:

Developed a website for Basketball Management, this website allows coaches and managers to easily schedule training sessions, create teams and games, chat with team members, and analyze player performance.

Implemented the website using Django web framework, Python, HTML, CSS, and JavaScript.

SKILLS

Programming Languages: Python, Java, C/C++, C#, MATLAB.

Tools: VS Code, Visual Studio, Eclipse, PyCharm, CLion, IntelliJ.

Soft Skills: Leadership, Communication, Team building, Organizational, Management, Public Speaking, Critical Thinking, Presentation, Social Skills.

Other Skills: VHDL, RISC-V, HTML, CSS, Git, GitHub, Microsoft Office, OpenCV, TensorFlow, Keras

LANGUAGES AND NATIONALITY

Fluent in English and Arabic (writing, reading and speaking)   Canadian, Lebanese