

Hadi Tfaily

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OBJECTIVE

Recent university graduate with a major in computer and communication engineering seeking a job opportunity.

SKILLS

Languages & Technologies

HTML/CSS, Java, JavaScript, Python, PHP, C, SQL, XML, Bash, JQuery, Bootstrap, Django

Software Tools

MATLAB, LabVIEW, Proteus, AutoCAD, Arduino IDE, XAMPP, PgAdmin, Android Studio

Communication & Interpersonal

Emotional Intelligent
Team-worker
Decision-maker & problem-solver

EDUCATION

Lebanese International University | *Bachelor of Engineering*

Beirut, Lebanon | **2017 – 2022**

- Major in Computer & Communication Engineering
- Cumulative **GPA:** 3.73/4.00
- Achievements: 5x President's honor list, 2x Dean's honor list.
- Relevant courses: Machine Learning, Embedded Systems, Advanced Network Architecture, Multimedia Networks, Mobile Communications, Wireless Communications, Digital Signal Processing, Digital Communications, Analog Communication Systems, Data Structures and Analysis of Algorithms, Computer Organization and Design, Microcontroller Applications, Web Programming and Technologies, Mobile Application Development, Advanced Digital Logic Design.
- Math courses: Calculus II, Calculus III, Linear Algebra With Applications, Ordinary Differential Equations, Probability & Statistics for Scientists & Engineers, Advanced Engineering Mathematics.

PROJECTS

Capstone Project

Developed a website that helps Lebanese citizens find their medicines, including a donation system and a disease diagnosis tool

Digital Signal Processing

Designed a speech recognition tool that gives access depending on the voice and an IIR filter to eliminate noise from audio

Digital Communication

Modulation schemes and pulse shapes performance analysis through Monte Carlo simulations

Embedded Systems

Designed a simple warehouse monitoring system

Multimedia Networks

Created an image compression tool that uses LZW, DCT and Huffman coding

Machine Learning

Made a research about automatic text classification
Developed iris flower classifier

Advanced Digital Communication Lab

Developed a time synchronization unit using early-late gate algorithm

Web Programming

Designed a website for an online mobile store

Mobile Application

Designed a mobile application for a car dealer

LANGUAGES

English: Professional working proficiency

Arabic: Native language