LEA MANSOUR

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Objective

Currently a senior computer engineering student at the Lebanese American University. My interests lie primarily in the fields of IT Networking, Telecommunication, and Software Engineering. Driven by passion and dedication, I aim to delve into the technical field.

Experience

Geek Express　　　　　　　　　**October 2022 - present**
Coding Instructor, Hourly job

Ogero Telecom　　　　　　　　**June 2022 - August 2022**
Telecommunications Intern
- Telecom services through copper cables
- Telecom services through fiber cables
- Exchange design
- FTTx Network

Cedarcom Mobi　　　　　　　　**June 2021 - August 2021**
Networking Intern

- CCNA - 2 practice
- Lab assignments on networking configurations
- Live assessments on networking and data-center concepts

Education

B.E in Computer Engineering　　　　**Summer2023**
Lebanese American University　　　　　Byblos, Lebanon

**Baccalaureate Degree
with Honors, General Sciences**　　　　**2019**
Le Lycee National　　　　　　　　　Choeifat, Lebanon

Projects

TechGuard: Violence Detection Technology for Schools　　　**Present**

An automated violence detection surveillance system to detect fights, weapons, and verbal abuse within a school. The project is based on machine learning and is accompanied with a mobile application for real-time notification.

Deployment Project　　　　　　　　**December 2022**
As part of a DevOps course, the project revolved around deploying two static websites and a back-end service on a virtual machine.

Room Management System　　　　　　**May 2022**

The purpose of this project is to manage a room with restrictions on access according to ID and capacity and to manipulate the restrictions in admin mode. The project consists of running Verilog code on an FPGA and utilizing different components (LCD, LEDs, keyboard, and 7 segment displays).

Certifications

Image Processing in Python
DataCamp (January 2023)

Volunteering Certificate
iCademy.edu (November 2022)

Networking Basics
Cisco (August 2022)

Introduction to Cybersecurity
Cisco (June 2022)

Problem Solving Certificate
HackerRank (February 2021)

Skills

- HTML/CSS
- JAVA
- SQL
- VHDL/Verilog
- MATLAB
- Python
- Problem-solving
- Critical thinking

Languages

Arabic ▬▬▬▬
English ▬▬▬▬
French ▬▬▬