

Malak FAWAZ

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Shhim, Chamis, Lebanon

OBJECTIVE

Seeking Computer and Communication Engineering Job where I can apply my skills and gain experience

EDUCATION

2015-Present	Rafik Hariri University Senior in Computer and Communication Engineering GPA: 81.87	Mechref, Lebanon
2012-2014	College Universal High School Lebanese Baccalaureate in General Science GPA: 12.36	Chhim, Lebanon

RELATED COURSES

- Digital Communications
- Mobile Communication
- Wireless Communications
- Communications Lab
- Machine Learning and Data Mining
- Artificial Intelligence
- Software Engineering
- Antennas and Propagation
- Signal processing
- Network and System Administration
- CCNA 1, 2, 3, 4 labs
- Advanced Programming and Data Structures
- Web Programming
- Advanced Web Programming
- Database Management Systems

RELATED COURSES PROJECTS

SPRING 2017 – Database Management Systems

- Designed a desktop application for clothing store using the C# in Visual Studio software

FALL 2018 – Communications Lab

- Implemented an FM radio channel using the LabVIEW software and USRP hardware

FALL 2018 – Networking

- Designed a smart house project (IoT) using the Packet Tracer software

SPRING 2017 – Database Management Systems

- Designed a desktop application for clothing store using the C# in Visual Studio software

SPRING 2019 – Web Programming

- Designed a web page for clothing store

Fall 2019 – Antennas and Propagation

- Design and simulation of the asymmetric E-shaped Patch Antenna using CST Microwave Studio

Spring 2020 – Artificial Intelligence

- Sudoku solver using Python with different algorithm (Brute Force, Depth First, Backtracking)

Spring 2020 – Machine Learning

- MNIST Handwritten Digits Classification using KNN and SVM algorithms

Spring 2020 – BE Project

- Design and implementation of a Smart Mirror. The Smart Mirror display: weather, date, time, reddit post, newspaper, calendar, google assistant that give us the opportunity to talk to the mirror, YouTube Casting, Face Recognition.

Summer 2020- Coop Work Experience at OGERO

- FTTX project: architecture, how it works, design in a 3-GIS software, stages for the project.
- LTE project: architecture, hardware description transmission of eNode B for Huawei, stages to install new site, and new LTE customer request.
- Public Wi-Fi project: stages, design, survey, how to set the access point.

Fall 2021-Coop Work Experience at POWERTECH

- FTTX project: design in a 3-GIS software for many sites: slack loops, sub ducting, ITBS, connection manager.

SKILLS

- Good knowledge in engineering software: Matlab, LabView, Arduino, Packet Tracer, Jupyter Notebook, 3-GIS
- Good knowledge in programming languages: C++, JavaScript, Python, and PHP
- Good knowledge in Microsoft Office: Word, Excel, Visio and PowerPoint
- Able to work under pressure and meet deadlines
- Able to learn fast and adapt to new environment
- Able to work individually and in teams
- Good presentation skills

LANGUAGES

- Arabic: Native
- English: Fluent

WORKSHOPS/CONFERENCES

Spring 2017: 1-month MATLAB Workshop	RHU
Fall 2018: 1-month Printed Circuit Boards Design and Manufacturing	RHU
Spring 2018: 2 days attending Student & Young Professional Lebanon Congress (SYPLC'18)	AUB
Spring 2020: Deep Learning Workshop	RHU

CERTIFICATE

Fall 2018 – Spring 2019: CCNA Routing and Switching Certifications:	RHU
<ul style="list-style-type: none">• Introduction to Networks• Scaling Networks• Routing and Switching Essential• Connecting Network	

Fall 2019: Certificate recognizes the Participation as an intern in the Hult Prize Lebanon Semi-Finals

Spring 2019: Certificate for the participation in Nerd19

Summer 2020: Certificate for the training at OGERO

Fall 2021: Certificate for the training at POWERTECH

AWARDS

Spring 2019: Dean's Honor List

Summer 2019: Dean's Honor List

MEMBERSHIP

2016-2017: Member in Institute of Electrical and Electronics Engineers (IEEE)

RHU

Volunteering

Fall 2019 Volunteered in The Hult Prize Semi-final in Lebanon

Fall 2019 Volunteered in The National Education Robotics Day (NERD)

Fall 2019 Volunteering in The Change Maker Festival

HOBBIES

Swimming, reading books and painting

REFERENCES

Dr. Jad Nasreddine: 76 813 137

Ms. Serge Saker: 71 005 239