Elias Salameh

Computer Engineer

- 15 September 1999
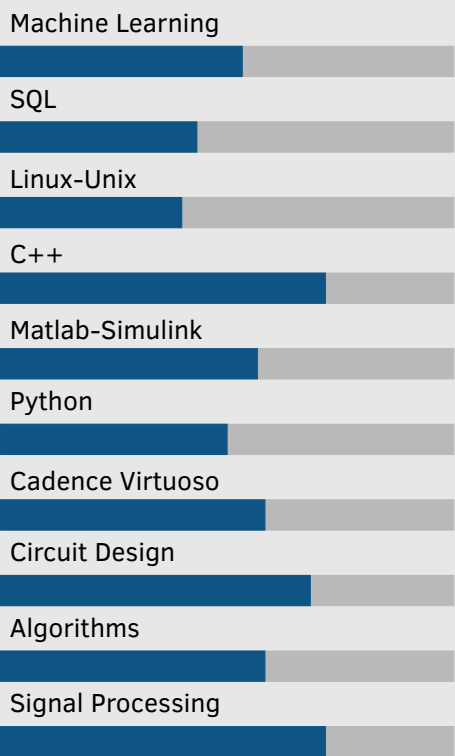- Beirut
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About me

I am a problem solver that appreciates challenges. Furthermore, I am currently expanding my knowledge in the fields of Electrical Engineering and Computer Science. During my BE, I have built a strong foundation in mathematics and the sciences. Moreover, I have become familiar with Information Theory, Antenna Design, Data Structures and Algorithms, Optics, Microelectronics, Signal Processing, Computer Networks, Operating Systems and more. Click here for access to some of the papers I have written.

Skills

Machine Learning

SQL

Linux-Unix

C++

Matlab-Simulink

Python

Cadence Virtuoso

Circuit Design

Algorithms

Signal Processing

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Signal Processing, Software Engineering and Circuit Design

Education

Aug 2017- Dec 2021	Notre Dame University - Louaize
	B.E. in Computer and Communication Engineering
	Cumulative GPA: 3.85/4 | Major GPA: 3.96/4
Sep 2022 - Aug 2024 (Expected)	ETH Zürich
	MSc. in Electrical Engineering and Information Technology

Projects Undertaken in BE

2018	Wind Powered Turbine
2018	Player vs CPU Tic-Tac-Toe Program
2020	PMOS-Based Differential Amplifier Design and Simulation
2020	Client-Server-Client File Sharing Program
2021	DVB-S2 Protocol Simulation Model
2021	50-ps comparison time Latched Comparator using 45-nm CMOS
2021	High Speed Track and Hold Circuit using 45-nm CMOS Technology

Internships

Jun 2020 - Apr 2021 — Houmal Technology Park
Undertook several training in Analog and Mixed Signals Integrated Circuits. Studied the Track and Hold Circuit in depth. Designed and simulated various circuits using Cadence Virtuoso.

Jun 2021 - Aug 2021 — Murex
Refactored Legacy Code written in C to C++ while following the SAFe framework and abiding by strict guidelines

Certificates

2020 — Huawei Seeds For the Future
The certificate was awarded at the end of the Seeds For the Future Program. During the program, select students from a number of lebanese universities got the chance to learn about different technologies such as AI, Cloud Computing and 5G. Special sessions concerning chinese culture were also delivered.

2020 — Huawei Certified ICT Associate - AI
The certificate was delivered after sitting for the HCIA-AI exam and earning a satisfactory score.

References

Dr. Ghassan Kraidy
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