# SAMIR ALSABBAGH

+961 71 072 840 · samir.joe.sabbagh.29@gmail.com ·
www.linkedin.com/in/samir-alsabbagh-19b315212

## STRENGTHS AND EXPERTISE

| | | |
|---|---|---|
| Python | HTML · CSS · JavaScript | Linux |
| Numpy · Pandas | jQuery · React.js | AutoCAD |
| Matploltlib · Seaborn | C# · Matlab | LabView · UML |
| Machine Learning | Quartus · Proteus · VHDL | Microsoft Office |

## EDUCATION

**LEBANESE UNIVERSITY FACULTY OF ENGINEERNG BRANCH 1:**

- Electrical and Electronics Engineering Student — 2023 - 2024
- Common Trunk — 2021 - 2023 · GPA: 87

Throughout my studies I have gain the knowledge of how communication and signals work provided by the following courses:

- Signal Theory TELE302
- Electromagnetism TELE301
- Magnetostatics ELEC203
- Electrostatics ELEC202

## PERSONAL EXPERIENCE

**Investigated performance of routing algorithms:** [Dec 2023]

- Conducted in-depth analysis and comparison of the Djikstra and Bellman-Ford routing algorithms for optimizing network paths.
- Evaluated the efficiency and effectiveness of each algorithm in terms of packet delivery, latency, and network congestion.
- Analysed network congestion levels and determined that the Djikstra algorithm resulted in less congestion, particularly in dense network environments.

## CERTIFICATIONS

- Data manipulation in Python: Master Python NumPy & Pandas (Udemy) [Feb 2024]
- Learn to Code in Python 3: Programming beginner to advanced (Udemy) [Jan 2024]

## LANGUAGES AND SOFT SKILLS

- Arabic · English · French
- Effective listener · Positive attitude · Goal-focused · Energetic

**References available upon request**