Mohammad SHAWRABA

Education

Expected in **Bachelor of Engineering** – **Electrical Engineering**, Lebanese University – Faculty Of July 2027 Engineering, Beirut, Lebanon, GPA: 16.5/20,(82.5/100)

Relevant Coursework: Electronic 1/2, Logic circuits , Electrical Installations, Signal Theory, Microprocessors, Data Analysis, Linear Algebra, Operations Research, Probabilities and Statistics, Object Oriented Programming.

August 2022 Lebanese Baccalaureate in General Sciences, Amal Education Institutions / Al-Mabrat schools, Beirut, Lebanon, GPA: 18.4/20, Overall rank: 15

Work Experience

Experience **Tutoring**, Self-Employed

Provided one-on-one and group instruction for engineering and baccalaureate students, enhancing their understanding of key concepts.

Projects

Library Management System, Desktop Application

Developed a Library Management System using C# Windows Forms, incorporating essential Object-Oriented Programming (OOP) principles to manage books, users, and transactions efficiently.

Project Projectile Motion, MATLAB Simulation

Developed a MATLAB-based simulation to analyze the projictile motion in 2D, including computing various physical properties and drawing graphs of related .

Computer Skills

Programming C/C++, C#

Languages

Applications Microsoft Visual Studio, MATLAB, Proteus 8, AutoCAD, Arduino IDE, LATEX, Microsoft

Certificates

AUF Participated in competition under the name of Application némérique au service de la société in the Agence Universitaire de la Francophonie.

Languages

Arabic Mother tongue

English Fluent

French Beginner

Extracurricular Activities

IEEE board member

Coordinated the activities and events of various student clubs within the faculty. Facilitated communication between club leaders and the faculty administration.