

Lana Sadek

Beirut, Lebanon

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SUMMARY

Enthusiastic third-year Electrical Engineering student with a passion for automation, problem-solving, and hands-on technology. Skilled in circuit design, programming, and system optimization, with a keen interest in embedded systems and IoT. A quick learner and collaborative team player eager to apply engineering knowledge to real-world challenges.

EDUCATION

Bachelor of Science in Electrical Engineering and Electronics

Beirut Lebanon

Lebanese University, Faculty of Engineering

Lebanese Baccalaureate - Life Science

Lycee Pascal, Beirut, Lebanon

Lebanon

TRAINING AND CERTIFICATE AND PROJECTS

International MUN

Steam in Action

PERSONAL PROJECTS

Engineering Profession Project - Microcontrollers

Worked on designing and programming microcontroller-based systems to enhance automation and process control.

MATLAB Project: Heat Transfer Simulation

Developed a MATLAB-based simulation to analyze heat transfer using numerical methods and differential equations. Visualized temperature variations and optimized heat transfer systems.

Car Booking System - C#

Created a car rental management system using C# and object-oriented programming (OOP). Implemented features for user registration, car availability tracking, and booking management.

SKILLS

Technical Skills: Circuit Design, System Optimization, Embedded Systems, Internet of Things (IoT), Software Development, Programming Languages (C, C++, C#, Python), MATLAB, AutoCAD, Data Analysis and Trend Identification, Microsoft Office Suite (Word, Excel, PowerPoint), Google Workspace, Microsoft Office 365 (Word, Excel, PowerPoint, Outlook) and Zoom.

Soft Skills: Problem-Solving, Teamwork and Collaboration, Attention to Detail, Analytical Thinking
Quick Learner, Time Management, Effective Communication, Adaptability and Leadership.

LANGUAGES

Arabic (native), **English** (advanced) and **French** (moderate)