

Nour Arnaout

Beirut, Lebanon
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Detail-oriented, motivated, and determined electrical engineer student, eager to leverage the theoretical and practical experience that can constitute opportunities for growth. My objective is to use these abilities in the field of automation and electrical systems to promote advances in control systems, power distribution, and renewable energy sources.

EDUCATION

Practical Accounting Academy Finance and accounting course	Awarded February -2026
Phoenicia University (PU) - Sarafand, Lebanon Bachelor of Engineering in Electrical & Communication Engineering	Awarded 2020 – 2025
Mostafa Shomran Highschool– Baisariyeh, Lebanon Lebanese Baccalaureate in Life Sciences	Awarded June 2020

PROFESSIONAL EXPERIENCE

Global Design – Saida, Lebanon - Conducted site visits for project assessment. - Worked on AutoCAD drawings and electrical layouts. - Reviewed on-site requirements and supported design implementation.	April 2026- may 2026
Range Rover Services-Saida, Lebanon <i>Electrical Engineer Specialist</i> - Manage overall inventory and stock - Handle all financial transactions - Utilize Pluto and Commet software	August 2025-Present
JA-Square – Beirut, Lebanon <i>Communication Engineering Intern</i> - Installed and configured IP-based CCTV systems, including DVR, NVR, and hybrid XVR setups - Gained hands-on experience in network setup, including routers, switches, VLANs, and VoIP systems - Participated in fiber optic projects, learning splicing techniques, connector types (SC, LC, FC), and acceptable signal loss thresholds - Implemented and tested smart home automation systems using JA-Smart Life platform; configured devices (locks, sensors, lights) via gateways and updated firmware - Explored wireless communication protocols (Wi-Fi, Zigbee, Z-Wave, Bluetooth) and frequency bands used in Lebanon (GSM, UMTS, LTE) - Studied the integration of IoT devices, including smart meters and fuel level monitors, with communication protocols like NB-IoT, LoRaWAN, RS-485, and Modbus	July 2024- August 2024
JA-Energy – Beirut, Lebanon	August 2024-September 2024

Electrical Engineering Intern

- Conducted detailed design and implementation planning for solar energy systems (on-grid, off-grid, hybrid)
- Used Helioscope software for solar panel layout, shading analysis, inverter selection, and energy output modeling
- Performed load analysis, battery sizing, and system optimization with lead-acid and lithium-ion technologies
- Participated in real site visits for system planning, including area measurement and obstacle identification
- Completed a financial analysis comparing generator-only vs. hybrid solar systems, presenting ROI and annual savings to stakeholders

EXTRACURRICULAR ACTIVITIES

Workshops:

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| • Communication workshop-Phoenicia university | December 2023 |
| • MATLAB workshop-Phoenicia university | December 2021 |

SKILLS AND INTERESTS

Linguistic Skills: Fluent in English and Arabic

Technical Skills: C++ - Matlab – Simulink - Helioscope software- MS Office (Excel, PowerPoint, Word)- Arduino IDE

Hobbies: swimming, playing tennis