

# ROY AL SAYEGH

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## PERSONAL DETAILS

- Date of Birth: 02 Dec 2000
- Nationality: Lebanese
- Marital Status: Single

## CAREER OBJECTIVE

My career objective is to be able to enter the job market from a decent position as well as build a successful career from a good start at a successful company especially in the field of electric or mechatronics engineering. Moreover, another objective is to construct work background, professional experience, and social relationships in my field of study. Acquiring skills, building work experience and social relations are major factors for a successful career and it gives me great pleasure to apply to this current position since I think that I have what it takes to fill it and the position itself has tremendous benefits for my future career as well.

## EDUCATION

### Bachelor of Engineering in Electrical Engineering | University of Balamand

2021 – 2023

- Overall GPA of 3.4
- Concentrated on the control and automation track
- Conducted several course works related to electrical installation design and control systems

### Bachelor of Technology in Mechatronics | University of Balamand

2018 – 2021

- Concentrated on the electrical and programming track in mechatronics
- Overall GPA of 3.5 over 6 semesters
- Member of robotics club
- Related course work in the field of electricity and programming
- Dean's Honors List in 4 out of 6 semesters

### Lebanese Official Baccalaureate | Maroun Abboud Official Secondary School

2015 – 2018

- Received Baccalaureate General Sciences Section with overall average of 16.35/20.
- Top 10% of class.



## TRAINING AND EXPERIENCE

Technical Internship in Elevator Maintenance | High Tech Lifts | Summer 2019

- Conducted field work with special elevator technicians
- Acquired experience in relays, elevator motors, VFDs, maintenance and installation

Solar Panel Design and Implementation | Freelance Projects | Summer 2022

- Design of solar panel arrays and load studies
- Implementation and installation of solar arrays and gadgets
- Electric work including batteries, inverters, and appliances



## LANGUAGES

**Arabic** | Speaking, Reading, and Writing

**English** | Speaking, Reading, and Writing

**French** | Basic Knowledge



## SKILLS

- Project Management
- Full Stack Web development (PHP, HTML5, CSS)
- Electrical Equipment Handling
- IT Software Skills (Microsoft Office)
- Control systems (PID Design)
- PLC Programming (Unity Pro, Schneider)
- Artificial Intelligence
- AutoCAD and Solidworks Design
- Networking (CISCO CCNA 1)
- Arduino
- Renewable energy (Solar and Wind Specialty)
- IEC and NEC standards
- Programming languages (C, C++, C#, JAVA, Python)
- Object Oriented Programming
- Software Literate (Visual Studio, Code::Blocks, )
- Mobile App Design (Android Studio)
- Electric circuit analysis and design
- Electric machines
- Electrical design for residential and industrial drawings
- Electrical Design Drawings and Shop Drawings
- Industrial robot programming
- Matlab and Simulink



## EXTRA CURRICULAR ACTIVITIES

- Robotics club at school and university, group work projects in the field of electrical, programming, and PLC studies
- Full Stack Web Development as graduation project in Bachelor of Technology including front-end and back-end design, PHP programming, SQL database, CSS and HTML.
- Various projects and activities in the field of electrical installations in residential premises as well as renewable energy solutions
- Programming Projects in multiple languages and fields such as artificial intelligence in Python, various applications in C and C#, Arduino robot programming, microprocessors and others
- Solar energy project design and implementation with field work in multiple locations and installation of equipment