# ANDALA CHABCHOUL

andalachabchoul@outlook.com | +961 03 198 049

www.linkedin.com/in/andala-chabchoul

## EDUCATION

**University of Balamand (UOB) |** Koura, Lebanon *Sept 2022 – Present*
Bachelor of Engineering in Electrical Engineering.

**University of Balamand (UOB) |** Koura, Lebanon *Sept 2019 – May 2022*
Bachelor of Science in Electrical Engineering.

**Collège des Soeurs des Saints-Coeurs (SSCC) |** Batroun, Lebanon *Oct 2003 – May 2018*
Lebanese Baccalaureate in Life Sciences.

## WORK EXPERIENCE

***Electrical Installations Internship - Association of Energy Engineers Lebanon Chapter*** *June 2022 – August 2022*
- Designed full Solar Power Systems for houses.
- Researched products to achieve the best efficiency and performance capabilities.
- Used AutoCAD to design electrical systems.
- Sustainable energy research was continuously being done to help installers re-define their future energy sources, saving money in the process

***Senior Project – Auxiliary Energy Source for the UOB Solar Bench by Human Exercise Machine,*** Oct *2021 – May 2022*
- Achieved the maximum possible output power an average person can produce by pedaling on a stationary bike in order to fully charge the UOB's Bench battery.
- Measured dimensions of finished work pieces to ensure conformance to specifications, using precision measuring instruments, templates and fixtures.
- Monitored the bike's performance and fixed the defects accordingly.

***Social Media Manager– Crypto-X***, Lebanon *June 2020 – Dec 2021*
- Developed social media marketing and strategy plan.
- Increased total membership by 32% and social media followers/subscribers by 128%
- Designed posts and wrote captions for the social media posts

***Forex Trader***, Lebanon *Sept 2020 – Present*
- Conducted private tutoring sessions and organized webinars.
- Conducted detailed technical and fundamental market analysis
- Implemented new trading strategies and performed risk management.
- Executed currency trades, identified and evaluated market opportunities and risks, and provided beneficial financial advices.

***Teaching Assistant - University of Balamand***, Koura *Sep 2020 – May 2021*
- Assisted the professor with the lesson preparation and setting up equipment.
- Planned the professor's schedule.
- Assisted students in Laboratory sessions.

***COO – Crypto-X***, Lebanon *June 2020 – Dec 2021*
- Created market analysis to identify new opportunities and maximize subscribers' returns.
- Monitored risks and conducted financial reports.
- Developed a full business strategy plan.
- Executed trades and developed short/long term financial strategies, ensuring that quality standards were fully met.

## EXTRACURRICULAR ACTIVITIES

***Vice President – AEE (Association of Energy Engineers)***, UOB - Koura *Dec 2022 – Present*
- Assisted the Chair and Club Officers in completing their duties
- Set yearly plan of activities/events that will be done throughout the year

***Vice President – IEEE (Institute of Electrical and Electronics Engineers)***, UOB - Koura *Jan 2022 – Present*
- Organized field trips and special events inside and outside university campus.
- Assisted the Chair in following up on assigned committee responsibilities.
- Performed the Chair's functions upon request as well as in her absence.

***Volunteer – Lebanese Red Cross***, Batroun *May 2021 – Present*
- Assisted the Red Cross community in voluntary activities and events.
- GA member in the LRC

## SKILLS

- Computer Hardware: Microchip PIC18F45K22 Microcontroller.
- Computer Software: AutoCAD, MATLAB & Simulink, NI Multisim, NI LabVIEW, Intel Quartus Prime, MPLAB X IDE, Code::Blocks, NetBeans, Proteus Design Suite, mikroProg for PIC, PyCharm, DIALux, Ecodial.
- Programming languages: C, C++, Java, Python.
- Languages: Arabic (*Native*), English (*Fluent*), French (*Fluent*)