

Mohamed CHATR

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EDUCATION

ALX AFRICA (Training Program)

March 2023- Present

- Full Stack Software Engineering, Expected Graduation : July 2024

Hassan II university of Casablanca (Faculty of sciences Ain chock)

September 2021- July2022

- University Professional bachelor's degree: Electronics, Electrical engineering, Automation and industrial computing.
Relevant coursework: Power electronics, Renewable energies, Sensor instrumentation, Entrepreneurship and business culture.
Design Project (Graduation project): Electrical design and system control of an air handling unit (AHU).

Al Khawarizmy school

September 2018- August 2020

- Associate degree: Electromechanical and automated systems.
Relevant coursework: Fundamentals of industrial automation, Control systems, Applied physics, Expression and communication techniques.
Design Project (Graduation project): Small-scale load elevator: A case study from an electromechanical aspect.

Jaber Bnou Hayan High school

September 2016- June 2018

- High school diploma : Electrical science and technology.
Relevant coursework: Mathematics, physics, electrical engineering.

PROFESSIONAL EXPERIENCE

Technical Sales Representative - FC ENERGIE

Casablanca, 04/2022 – 02/2023

- Created a database that identifies prospects from five different targeted sectors.
- Established rapport with potential clients by providing technical support on control solutions for heating, ventilation air conditioning applications .
- Arranged presales actions.
- Designed Electrical control panels.
- Optimized controllers (Programmable Logic Controllers) and sensor instrumentation selection.

Electrical Designer (intern) - FC ENERGIE

Casablanca, 09/2020 – 04/2022

A company specialized in control and integration of HVAC equipment.

- Designed electrical schematics according to NFC 15-100 standards.
- Optimized controllers and instrumentation selection.
- Programmable logic controller (PLC) programming for heating ventilation air conditioning applications.

PERSONAL PROJECTS AND SKILLS

Personal project:

- Launched a linkedin newsletter called tech bytes that shares content about cutting-edge technologies in various fields like AI, blockchain as well as practical dev concepts to level up your skills.

Programming skills:

- Knowledge in HTML/CSS, and programming in C, Python, Bash Scripting.

Technical Skills:

- Version Control (Github).
- Data Structures and Algorithms.

Languages:

- English: Intermediate (TOEFL IBT: 83/120)
- French (Full Professional proficiency)
- Arabic (Native language)

Interests:

- Volunteering in ECO projects.
- Contributing to open source project.
- Participating in hackathons and coding competitions.