



MINA EBRAHIM KHALIL

AUTOMATION ENGINEER

PROFILE

- **Date of birth:** 29-03-1998
- **Address:** Alexandria, Egypt
- **Military status:** Final Exempted
- **marital status:** Single

CONTACT

+201205018286

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SOFT SKILLS

Presentation
Teamwork
Leadership
Time Management
Work Under Stress
Brainstorming
Autodidacticism

LANGUAGES

Arabic: ●●●●●●●●
English: ●●●●●●○

INTERESTS

Automation
Artificial Intelligence
Robotics
Renewable Energy
Traveling

EDUCATION

Bachelor of Science degree in Mechatronics Engineering [AIET]

[Grade: Good - GPA: 2.63] - [2016-2021]

Graduation Project: Advanced HVAC Smart Solar Building System **[A+]**

TECHNICAL ABILITIES

• Industrial Automation

Classic control: Design, Simulate and Install control and power circuits using (sensors, Timers, Switches, Valves, Overloads, Circuit Breakers, Inverters, VFDs, Relays, Contactors, Motors, and Motors Drivers)

PLC: Design, Program and Install automated systems, communicate with, and monitor them. can operate with **Siemens PLCs** (S7-200, S7-300&400, S7-1200, and S7-1500)

SCADA & HMI: Design and Establish monitoring and controlling systems for human interfacing, editing, data collection, and processing.

EXPERIENCE

[Engineering For Kids Company] [mechatronics Engineer]

[6-2022] – [10-2022]

Preparing offline (on campus) & online courses on the platform material (Theoretical, Script, Practical, Coding, Circuits) such as: (electronics course, robotics course - automation course)

[Alexandria shipyard] [Trainee]

[1-2020] – [2-2020]

During the training period, I went to the workshops, docks, and EL-HOREYA 3 boat to see the motors and control systems operating with them.

[West Delta Electricity Company] [Trainee]

[6-2018] – [7-2018]

I was assigned to the mechanical and electrical departments for the turbine, generator, Electricity Networks, transformer, workshops, and control unit.

SOFTWARE & PROGRAMS

Microsoft Office

AutoCAD

Canva

DIALux evo

Photoshop

Solidworks

Proteus

Arduino IDE (c/c++)

MIT App Inventor

EKTS

Automation Studio

LogixPro

SIMATIC Manager

TIA portal

S7-PLCSIM

WinCC flexible

WinCC

Factory IO