

Ahmad Ayman Ryad

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Summery

Mechatronics engineer , interested in PLC programming and CAD,CAM . Looking for opportunities in an impactful, professional, and cooperative environment which provides career growth.

Training

- Electricity generation at **Kafr-El bateekh Electricity company** field training . July 2021
- Cars maintenance at **AI Watanya Car Services** . July 2022
- Artificial intelligence and applications training at **Zewail City University** . August 2023
- Hydro mechanics training at **Arab Construction** . July 2023

Education

- Horus University Mechatronics Department. Egypt. 2019-2024 with Grade **Very Good**.
- Graduation Project: Generation of Green Hydrogen using solar panels with **Grade Excellent**

Technical skills

- **PLC programming (logixpro/Codesys)** designing ladder logic diagrams , coding instructions for the PLC to follow and troubleshooting and debugging code .
- **3D/2D designing (Solidworks)** prototyping, simulation, and visualization and geometric drawings with customizable views and settings, and can also export to industry-standard formats such as DWG and DXF.
- **CAD/CAM (Solidworks)** create and modify 3D models of products and parts also complex geometric shapes .
- **CNC simulator** testing and debugging CNC programs .
- **2D (Autocad)** drawings of objects and structures also mechanical parts .
- **java programming** desktop programing .
- **python programming** desktop programing and AI application .
- **Comptia A+** PC building and troubleshooting also software installation .

Soft Skills

- **Self-learning**
- **Work under pressure**
- **Fast-learner**
- **Team work**
- **Team leadership**
- **Decision making**
- **Time management**

Rewards and Achievements

- Won the First place at **Electronics Research Institute** graduation projects competition (3 December 2024)
 - Rewarded with the "Best Idea" at **Electronics Research Institute** graduation projects competition (3 December 2024)
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