

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, coding, troubleshooting, and debugging.
- **3D/2D designing (Solidworks)** Prototyping, simulation, and drafting with export to DWG/DXF formats
- **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 .

Work

Supervising Engineer at the Deputy Governor of Damietta's Office Jan 2025 – present

Product Engineer

Responsible for supervising construction sites and ensuring work is executed according to standard specifications. Also oversee the Machinery and Equipment Department in local units across Damietta Governorate.

Tropics Factory For Industrial Security Sep – Dec 2024

Product Engineer

As a Product Engineer specializing in fiber laser machinery, I focus on precision manufacturing and process optimization. My expertise includes designing solutions for efficient, high-quality laser cutting and engraving, catering to industries like automotive and electronics. I streamline workflows, reduce downtime, and align with modern manufacturing demands for cost-effective and sustainable practices.

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)