

# Ahmad Ayman Ryad

New Damietta City, Damietta GOV, Egypt Mob:+20-01009115117 E-mail: ahmadayman000@gmail.com

## 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 .

## Work

### 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 )