MOHAMMED AL-WAHIRY

ML ENGINEER

PROFESSIONAL SUMMARY

Results-oriented mechatronics engineer specializing in robotics, control systems, and artificial intelligence. Skilled in automation, programming, machine learning, and ROS, I excel at solving complex challenges with innovative solutions. Known for my ability to collaborate effectively in teams, I'm passionate about driving technological advancements through impactful projects.

EXPERIENCE

Artificial Intelligence Engineer
January 2024 - February 2024 | Creative Point, Sana'a

- Responsible for acquiring and preprocessing relevant data for biometric systems
- Involved in designing, evaluating, and testing ML models.

Automation Intern
March 2023 - March 2023 | Water of SAM City Company, Sana'a

- Contributed to manufacturing process control and performance monitoring
- Integrate equipment into factory systems to create reports and track maintenance activities

Automation Intern
February 2023 - March 2023 | Modern & Global Pharma, Sana'a

- Emergency maintenance of machinery, equipment and devices
- PM (Preventative Maintenance) improvements

EDUCATION

Bachelor's in Mechatronics Engineering
June 2023
Sana'a University, Sana'a, Yemen

CERTIFICATIONS

- Robotics Specialization - University of Pennsylvania
- Machine Learning Specialization - DeepLearning.AI

CONTACT

- +967771728599
- mohammedalwahiry@gmail.com
- Sana'a (Open to relocating globally)
- https://www.linkedin.com/in/mohammedal-wahiry

SKILLS

- Programming: Python, C++, Rust
- Machine Learning, Image Processing: TensorFlow, PyTorch, OpenCV
- ROS (Robot Operating System): nav2, Movelt, rclpy
- MATLAB, Simulink: Modeling, simulation, numerical analysis
- Data Analysis: Comprehensive data management, from collection to visualization
- Python-based Frontend Development: Flet, Tkinter, Kivy
- CAD Software: SolidWorks, AutoCAD
- Industrial Automation: PLC, HMI, CNC, PCB, product design
- 3D Printing: Operation and maintenance of Prusa, Creality Ender
- Operating Systems: Proficient in MS Office Suite, various Linux distros, and WSL
- Bilingual: Native Arabic, fluent English; strong communication, research