Mohamed Tarek El-Demerdash

Mechatronics Engineer

SUMMARY

"A recent Mechatronics Engineering graduate from Tanta University with a strong foundation in mechanical, electronic, and software systems. Experienced in supervising engineering projects and leading teams, with advanced skills in Microsoft Office applications and data analysis. "

CONTACT

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WORK EXPERIENCE

Blue Fields company (SPECTRA) | 2025/6/1

Maintenance & Production Supervision Engineer

- Supervised production lines to ensure smooth operations and high-quality output.
- Responsible for maintaining machinery supplied to international clients.
- Monitored quality and final assembly processes of machines before delivery.
- Worked across multiple governorates to ensure the quality and maintenance of machines used by clients.

El Sherif poultry production | 2025/2/15 – 2025/5/30

Supervising and Maintenance Engineer

- Supervised engineering operations and maintenance at a poultry farm.
- Improved the efficiency of mechanical and electronic systems used in the farm.
- Managed a team to ensure tasks were completed efficiently and to a high standard.
- Implemented innovative solutions to enhance productivity and reduce costs.

EDUCATION

Bachelor of Engineering in Mechatronics

Tanta University | 2020 – 2025

- GPA: 3.36
- Specialized in mechanical systems design, electronics, and automation.
- In-depth study of robotics, control systems, and programming.

CERTIFICATION

- AI (Artificial Intelligence) course from Zewail University.
- Automotive Mechanics course from Engovation.
- Certified in Project Management from UCCD.

SKILLS

Technical Skills:

Mechatronics, Control Systems, Production Supervision, Quality Control, Industrial Machinery Maintenance, Microsoft Office (Word, Excel, PowerPoint), Data Analysis

Soft Skills:

Project Management, Team Leadership, Time Management, Problem Solving

Languages

- Arabic: Native
- English: Advanced (B2)
- German: Basic (A2)