



Ahmed Hamdy Mohamed

Mechatronics Engineering

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About Me

I'm a Mechatronics Engineer who recently completed training at Elrashed Mercedes, where I gained hands-on experience with automotive systems. I've also completed an IoT course at Jelecom and hold a certification in Occupational Health and Safety. I'm now actively seeking a position to apply my skills and continue growing in the engineering field.

Education

Egyptian Chinese University (ECU)
Faculty of Engineering and Technology,
Mechatronics Major, Automotive Department

Experience

intern Elrashed Mercedes

Completed training in diagnosing, maintaining, and repairing automotive systems, focusing on Mercedes-Benz vehicles. Worked alongside experienced engineers to troubleshoot and optimize mechanical and electrical components.

IoT (Internet of Things) – Jelecom

- Completed a course in IoT, learning about the integration of smart devices and sensors.
- Worked on small IoT projects, implementing connectivity and real-time data analysis solutions.
- Collaborated with teams to develop practical applications for IoT in automation and smart systems

Courses

Internet Of Things (IOT), From Jelecom

Fundamental Principles of Occupational Health and Safety

Projects

- Solar Tracking System (Graduation Project)

Designed and implemented a solar tracking system with two-axis movement using ALDR sensors. This project allowed solar panels to follow the sun's position for improved energy efficiency. I was responsible for the sensor integration, system design

- Ultrasonic Car Movement Using Sound

Developed a system using Arduino and ultrasonic sensors to control the movement of a car based on sound commands. The project involved programming the Arduino to process sound signals and move the car in different directions

Languages

Arabic: Native

English: Very Good Proficiency

Skills

Soft Skills: Problem-solving, Effective communication, Team collaboration, Adaptability, Critical thinking, Attention to detail, Time management

Technical Skills: SolidWorks, Sensors & Actuators Integration