

# Ahmed Mostafa

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## Objective

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Second-year Information Technology student at Misr University for Science and Technology with a strong passion for artificial intelligence

## Education

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**Misr University for Science and Technology**, Bachelor of Information Technology Sept 2023 - Sept 2027

- GPA: 3.47/4.0
- **Coursework:** Data Structures, Algorithms, Logic Design, Discrete Mathematics
- Udemy, The Complete Python Developer
- British University in Egypt, Cybersecurity Training

## Experience

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**Business-to-Consumer Member**, AIESEC in MUST Feb 2025 - Present

- Promoted AIESEC exchange programs to university students through online and offline channels.
- Organized and participated in marketing campaigns, info sessions, and booths to increase brand visibility.
- Collected feedback from applicants to improve outreach strategies and customer experience.

**Computer Science Instructor**, Roboto Academy Nov 2024 - Mar 2025

- Designed and delivered robotics and computer science curricula.
- Taught programming and AI concepts to students.
- Fostered a hands-on learning environment with robotics kits and software tools.

**Internship**, Rashpet Co. Sep 2024 - Sep 2024

- Gained hands-on experience in software development, network security and networking , strengthening my technical skills and enhancing my understanding of IT operations.

## Projects

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**Temperature-Controlled Fan System** Github

- Programmed the system to adjust fan speed based on temperature.
- Integrated the LM35 sensor for accurate temperature measurement, with a logic that automatically turns the fan on/off or adjusts speed when temperature exceeds a set value.
- Built the project using Arduino IDE and connected components such as an Arduino UNO, LM35 sensor, and DC fan to achieve a working prototype.

**RC Car** Github

- Designed and implemented a RC car using Arduino and C++.
- Programmed the car to move forward, backward, turn left, and turn right.
- Used ultrasonic sensors to detect obstacles and avoid collisions.

## Technologies

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**Languages:** C++, Python,

**Technologies:** Linux, VS code, Arduino