

# Mahmoud Nagdy

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**LinkedIn:** <https://www.linkedin.com/in/mahmoudnagdy/> **Military Status:** Postponed  
**GitHub:** <https://github.com/MahmoudNagdy>

## Objective

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An initiative-taking undergraduate with a passion for making innovative technologies and eager to learn new things, Seeking an Embedded Systems Engineer position with a career opportunity in a leading company, where I can use my skills, knowledge, and constantly learn.

## Education

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- **Undergraduate | Computer Engineering | 2025 | Zagazig University**
- **Accumulative Grade:** very good (77%).

## Technical Skills

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|---|---|
| • Embedded C  | • Data Structures and Algorithms                |
| • AVR Processors Architecture                                       | • Real Time Operating System (RTOS)             |
| • MCU Peripherals   | • Tooling and Testing                           |
| • HAL Layer Interfacing   | • Communication Protocols: UART – I2C – SPI     |
| • Tools & Environments (Eclipse – Atmel Studio – VS Code – Proteus) | • Automotive Communication Protocols: CAN – LIN |
| • Computer Architecture   |   |

## Internship

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- ↗ **Embedia | 2 Months | 2024**
- ↗ **NeuronetiX | 1 Month | 2024**
- ↗ **TechnoHacks EduTech Official | 1 Month | 2024**
- ↗ **Dandara Al Ebdaa | 1 Month | 2024**

## Courses

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**Embedded Systems Diploma**

## Volunteering Work

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↗ IEEE Zagazig Student Branch | Track Embedded System | 2023

- IMT – Embedded System Diploma

↗ GDSC Al Azhar | Track Embedded System | 2024

## Projects

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↗ **Fire System Using RTOS**

- Simulation: [Simulation](#)

↗ **Automatic Car Parking Toll Gate**

- Simulation: [Simulation](#)

↗ **Door Locker**

- Simulation: [Simulation](#)

↗ **Calculator**

- Simulation: [Simulation](#)

↗ **Converter**

- Simulation: [Simulation](#)

## Languages

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**English:**

Very Good writing, reading, and speaking.

**Arabic:**

Native Language

## References

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- All References are available upon request.