

Mohanned Abdelazem

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GitHub profile

Bio

I am a second-year computer science student who recently transferred from Helwan University to Cairo University. I've always been interested in the world of computer science and programming, and I have been actively pursuing this passion since I was in middle school.

EDUCATION

Cairo university

Bachelor of Computer Science and artificial intelligence, Dec 2025

GPA: 3.26

EXPERIENCE

Embedded Systems instructor | Online Student Activity:

- Taught the basics needed to learn embedded systems (computer architecture, C programming and some basic embedded systems principles)
- Taught embedded C and gave interfacing lectures using ATmega32 mcu

PROJECTS

POV display

- Developed a persistence of vision clock using ATmega32
- Worked on the MCAL layer where I wrote the software needed to work on the application layer
- worked on the app layer to make a working POV display

Real-Time clock

- Developed a real-time clock using ATmega32
- Worked on all the three layers to make the clock and made an option to set the time of the clock
- Designed and tested the clock on proteus

Hospital System

- Developed a CLI based hospital systems with two modes for the admin and patient using Linkedlist

E-commerce website(HTML, CSS, JS)

- worked with a team to develop the frontend part of an E-commerce website.

HR website(HTML, CSS, JS, Django) (still on progress)

- Worked with a team on an HR website and used database and localstorage to save different features and user information for the website.

Skills

- Languages: C, C++, Java, HTML, CSS, JavaScript, Python, Embedded C, SQL
- Technologies: RTOS, AVR mcu, Docker, Linux, Git, Django