

# ADHAM EHAB ERFAN

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**INTERESTS :** Computer programming Reading Drawing

**LANGUAGES :** Arabic (fluent) , English (fluent) and French (good)

## About Me

-Electronics and Embedded systems are my passion.

-Worked on many projects integrating between embedded and digital logics.

-Projects (self) :

- Digital filter using Arduino uno
- Motion detector circuit (used BJTs)
- Light on off (LDR)

-Familiar with microcontrollers [Atemga32,16,328p | ATtiny85,2313,45 | AT89C51,AT89S51]

## Education

### **Bachelor's Degree – [2026]**

Faculty of Engineering Alexandria University

Electronics and Communication department.

### **Thanawya– [2021]**

Omar Bn El Hatab Language School

Graduated with Excellent grade . 3rd on school.

## Projects

- **Wireless controlled Light** (Esp32,webpage html,Mobile app)  
Working with team we achieved the full mark facing the deadline in just 2 days.  
The project is about to control and RGB led using a mobile application and controlling the intensity and the degree of the color.  
Bonus : Controlling it using a web page
- **Digital Filter and Sound editing** with the team.  
Using MATLAB to design a full system:  
**Transmitter** : sending sound **Channel** : affecting signal and adding random noise  
**Receiver** : Filtering and Reshaping signal

## Skills

-coding -Teamwork -Reading

-Drawing & design

## Experience

- Worked in a Pharmacy 2 months

-Trained at ICG (CCNA-with certificate) 2 months

-Timer controller (Project Management)UCCD 1 month

## Sports

-Swimming - Chess | [Proteus,Multisim,Orcad,Altium,| Embedded C,Python,html|AVR,ARM]