



# Ziad Rabea

## High-school student

High school first-year student with a passion for learning, exploring, and inventing. Proficient in software development, I have mastered over 12 programming languages, including two that I invented myself. My expertise spans full-stack web development, desktop apps, 2D game development, and AI. Notably, I built a social networking website with over 70k lines of code at the age of 14. I am also dedicated to teaching programming to children through the creation of multilingual programming languages, making learning more accessible. Additionally, I have a strong interest in electronics, physics, and mathematics, and have successfully built AI-powered robots. Motivated and driven to excel, I am eager to contribute my skills and continue making groundbreaking advancements in technology and science.

## Contact

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## Education

2023  
**High school Student**  
my school

## Expertise

- Python programming
- AI/ML
- Web development
- Desktop apps dev
- Arduino programming (C)
- ASM basics

## Language

Arabic

English

## Experience

○ **2022 - 2022**  
Self-Employed | My Home, Cairo.  
**Machine learning engineer**

Built a voice AI coding software during a single night before undergoing surgery. Researched, designed, and implemented the system to interpret voice commands into executable code. Enabled hands-free coding using voice commands, showcasing innovation and problem-solving skills. Gained expertise in natural language processing, voice recognition, and user interface design. Demonstrated ability to quickly develop practical solutions. Excited to apply this experience to contribute to cutting-edge technology projects.

○ **2022 - 2022**  
Self-Employed | My Home ., Cairo  
**Computer vision**

Developed a basic yet effective face authentication system using image recognition neural network technology. Utilized openCV, a powerful module, to capture faces and resize images to match the input layer of the neural network. Successfully implemented a simple yet reliable solution for face authentication. Excited to further explore the possibilities of computer vision in future projects.

○ **2020 - 2021**  
Self-Employed | My Home., Cairo  
**Web developer**

Building a social networking website at 14 was a transformative experience that challenged me to expand my coding skills and knowledge. I overcame obstacles in project management and time management, showcasing creativity and technical abilities. This experience taught me valuable lessons in problem-solving, organization, and perseverance, driving my passion for web development. I am excited to apply these lessons and skills to future ambitious projects.

## Reference

**Rabea Hamdi**  
English Teacher, Hafr-elbatin

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