

MOHAMED SAMEH MOHAMED

AI Engineering Student | Python & Machine Learning Developer

PERSONAL DETAILS

Kafr El-Sheikh Governorate, Egypt
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Date of birth: June 12, 2005
Nationality: Egyptian

SUMMARY

Motivated and innovative AI Engineering Student at Delta University for Science and Technology, specializing in Python programming, machine learning, and intelligent systems development. Demonstrates strong analytical thinking and creativity through more than 15 completed Python projects, including smart assistive devices, automation tools, and interactive games. Passionate about applying AI to solve real-world problems and improve human-computer interaction. Recognized for self-learning ability, teamwork, and a deep commitment to continuous improvement in technology and software innovation. Seeking opportunities to contribute to AI research, software engineering, and data-driven innovation.

EDUCATION

Bachelor's in Artificial Intelligence Engineering
Delta University for Science and Technology

Present

PROJECTS

Selected Python Projects:

- Smart Glasses for the Blind:** Assistive technology project integrating sensors and computer vision for navigation aid.
- Library Management System:** Automated book cataloging, user registration, and lending system.
- Encryption & Decryption Tool:** Secure text encoding and decoding application for data protection.
- YouTube Channel Name Generator:** AI-based tool to generate creative and relevant YouTube channel names.
- Worker Wage Calculator:** System to automate payroll calculations for small businesses.
- Puzzle Island Game:** Interactive logic and puzzle-solving game built in Python.
- Password Generator:** Randomized and secure password creation utility.
- Interactive Doll Game:** AI-driven virtual companion featuring user responses and actions.
- Currency Converter:** Real-time conversion between multiple currencies using Python logic.
- Blackjack, Snake, Ping Pong, and Turtle Race Games:** Entertainment-focused projects demonstrating algorithmic thinking and game development skills.
- Map Selection Game:** Random map generator to enhance gaming experiences.

LANGUAGES

Arabic | Native Speaker

English | Good

PERSONAL SKILLS

Teamwork

Analytical Thinking

Time Management

Adaptability

Self-Learning

Problem Solving

SOFTWARE SKILLS

■ Microsoft Office (Word, Excel, PowerPoint)

■ Python

■ Artificial Intelligence Tools

■ PyCharm

■ Microsoft Teams | Outlook | Zoom

■ Machine Learning

■ VS Code

■ Git & GitHub

CAREER SKILLS

- **AI & Machine Learning:** Knowledgeable in developing, training, and testing machine learning models for automation and prediction tasks.
- **Python Programming:** Proficient in writing structured, efficient, and reusable code for diverse applications.
- **Project Development:** Skilled in designing, debugging, and managing technical projects from concept to implementation.
- **Problem Solving:** Strong capability in applying logical reasoning and algorithmic methods to technical challenges.
- **Technical Research:** Continuously explores new AI technologies and coding practices to improve system performance.