Ahmed sherif

AI Engineer

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SUMMARY

Motivated student majoring in Engineering AI, Strong foundation in programming, data structures, and machine learning, with practical experience in Python, Java, and C++. Passionate about applying technology to solve real-world problems. Actively developing projects in image processing and AI, Excellent problem-solving and teamwork abilities, with a commitment to continuous learning.

EXPERIENCE

- Kitchen program

A Python application that lets users select ingredients and "add" them to a virtual bowl. Based on the selected ingredients, the app suggests possible dishes by matching against a built-in database of recipes and ingredient lists. Built with Python and Tkinter for the user interface.

https://github.com/a2eas/kitchen

- Shy Programs

Face Detection & Window Control App

A Python application that uses OpenCV to detect faces from a live camera feed. The program counts the number of detected faces and, if more than one face is present, automatically minimizes all open windows on the PC. Features a simple user interface (UI) built with Tkinter for ease of use.

https://github.com/a2eas/shy-programs

- Game Developer

Built simple 2D games using Pygame with interactive elements, animations, and sound. Developed

understanding of game loops, collision detection, and sprite management.

https://github.com/a2eas/TicTacToe

- Search Algorithm Project — Mar 2025

Implemented search algorithms including Depth-First Search (DFS), Breadth-First Search (BFS), and A* algorithm for solving pathfinding problems.

https://github.com/a2eas/search-algorithm

- BankManagementSystem—Jan2025 - Feb2025

Created a console-based banking system in C++ with features such as account creation, deposit/withdrawal, and transaction history.

https://github.com/a2eas/bank-management

- UniversityMachineLearningProject—Feb2025 - Apr2025

Worked with a team to implement machine learning models, including Neural Networks, Decision Trees, K-Means Clustering, Support Vector Machines (SVM), and Logistic Regression.

Developed and tested models using Python and Jupyter Notebook

https://github.com/a2eas/ml-project

EDUCATION

Engineering AI
New Ismailia National University - bachelor's degree

2023 - 2028

- Machine Learning Project: Worked with a team to implement various machine learning models, including Neural Networks, Decision Trees, K-Means Clustering, Support Vector Machines (SVM), and Logistic Regression.
- Bank Management System: Developed a console-based Bank Management System in C++, featuring account creation, transaction management, and account display functionalities.
- Search Algorithm Project: Implemented and compared different search algorithms (DFS, BFS, A*) for solving pathfinding problems.

SKILLS

Python	Advanced	**Office**	Intermediate
Java	Intermediate	**Team management**	Basic
C++	Intermediate	**Problem solver**	Intermediate
Frameworks & Libraries	Intermediate	**Computer Vision**	Intermediate
Machine learning	Intermediate		

LANGUAGES

Arabic	Native	**Spanish**	Intermediate
English	Fluent		