Yassin Mohamed

Computer Science Student

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Profile

My name is Yassin Mohamed and I am a Computer Science student at FCAI-HUI am a hard worker and fast learner person, I am an accomplished coder and programmer, and I enjoy using my skills to contribute to the exciting technological advances that happen every day

Professional Experience

Digital Egypt Cubs, *Instructor*   03/2024 — present

Education

Bachelor of Computer Science,   2021 — 2025 | Cairo, Egypt
Faculty of computers and artificial intelligence - Helwan University

Projects

Online Shopping and Auction Platform [inspired by eBay](Website)
A website with features to improve the user's buying and selling experience.

Task Management System (Java Application)

Task management is an important process that allows supervisors to monitor the time that employees spend on a task, the ongoing and completed tasks, and an employee's workload and performance

AI N-Puzzle Solver
Built an N-puzzle solver in Python with A*, depth-first, and breadth-first search, using heuristics like Manhattan distance. Collaborated on unit tests and provided concise documentation for clarity and future work.

Multimodal Machine Learning for Numerical and Image Data
Built a machine learning system in Python for both numerical and image data analysis. Used regression and classification algorithms like linear regression, decision trees, and random forests, with feature engineering and cross-validation for optimal performance and accuracy.

Word Statistics Operation System 2 (WSOS2)
Developed WSOS2 in Java for efficient textual data analysis, using object-oriented principles, Java's standard libraries, and multithreading for enhanced performance.

Technical Skills

Html	CSS
C++	C#
OOP	Git/Github
Python	SQL Server
PHP	Java Script

Soft Skills

Problem Solving	Collaboration talent
Computer proficiency	Leadership
Creativity	Communication

Languages

Arabic **English**

Courses

A1 on the Common European FrameWork of Reference, *AUC*