

ALI AYMAN

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SUMMARY

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EDUCATION

MODERN ACADEMY &nbsp; <i>Bachelor of Computer Science, Major in AI</i>	Sep 2022 – January 2026
	cairo

Relevant Coursework: Artificial Intelligence, Machine Learning, NLP, Data Structures & Algorithms, OOP, Software Engineering, Databases, Operating Systems, Networks, Cyber Security, Distributed Systems & Cloud Computing, Information Systems

EXPERIENCE

INSTANT SOFTWARE SOLUTION &nbsp; <i>AI Engineer Trainee</i>	Mar 2025 – Present
<ul style="list-style-type: none">Worked on OOP-based applications using Python with hands-on problem-solving and modular designDeveloped data analysis pipelines, including data cleaning, KPIs extraction, and dashboard visualizationsImplemented machine learning models (Regression, SVM, K-NN, Random Forest) and evaluated model performance on real client datasetsCollaborated in team-based software development environments using Git and agile workflows	

SUMMER TRAINING – RASHID PETROLEUM COMPANY (RASHPETCO) &nbsp; <i>IT Intern</i>	Jul 2025 – Aug 2025
<ul style="list-style-type: none">Implemented networking concepts (OSI & TCP/IP) in real operational systemsPractical experience in network device configuration and connectivity troubleshooting.Worked with Windows Server & Active Directory in enterprise infrastructure.Performed computer hardware/software diagnostics and system performance improvement	Alexandria, Egypt

PROJECTS

GRADUATION PROJECT — AI CAREER GUIDANCE & INTERVIEW PREPARATION (IN PROGRESS)	Feb 2025 – Present
<ul style="list-style-type: none">LLM Job Recommendation Model: Fine-tuned Qwen-2.5 7B using LoRA + PyTorch on a custom CV dataset containing 29,000 labeled job-role samples (2400 training steps) to recommend the most suitable position directly from CV text, and deployed on HuggingFace for inference..Interview Behavior Analysis Model: Developing a real-time system that analyzes facial expressions, posture, and speech performance using MediaPipe, OpenCV & Whisper to provide automated interview feedback	
STUDENT GRADE TRACKER – OBJECT-ORIENTED PYTHON APPLICATION	May 2025
<ul style="list-style-type: none">Developed an Object-Oriented Python application to manage students, subjects, and grades using custom-built class structures (Student, Subject, GradeTracker)Implemented data validation, student auto-ID generation, and subject-grade mapping, ensuring scalable and error-free data handlingBuilt a file persistence system to save and reload student performance data for continuous tracking and reporting	
MENTAL HEALTH DATA ANALYSIS DASHBOARD	Aug 2025
<ul style="list-style-type: none">Analyzed a 292K-row mental health dataset (Kaggle) using pandas & NumPy for cleaning, preprocessing, and KPI extractionAnalyzed a 292K-row mental health dataset (Kaggle) using pandas & NumPy for cleaning, preprocessing, and KPI extraction.Implemented statistical insights & segmentation by gender, occupation, and treatment history to reveal high-risk categoriesDelivered insights showing that women are 7% more affected by stress, and students with a family history face 16.7% higher severe mood swings	

SKILLS

Programming Languages: Python, C++, SQL, Java

Machine Learning & Deep Learning: Supervised Learning, Unsupervised Learning, Classification & Regression Models, Decision Trees, Random Forest, K-NN, SVM, Logistic & Linear Regression, Transfer Learning, Fine-tuning

ML Libraries & Frameworks: PyTorch, NumPy, pandas

Data Analysis & Visualization: Data Cleaning & Preprocessing, Exploratory Data Analysis, Streamlit Dashboards, Power BI

Databases: MySQL, SQLite, Database Design & Queries

Networking Skills: Packet Tracer Projects, Routing & Switching Basics, Network Troubleshooting