

# Mohammed Kenawy

Job title: AI Engineer

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## Summary

A fresh computer science graduate with a strong track record of academic excellence. Proficient in software development methodologies, with hands-on experience across various stages of the software development life cycle. Skilled in programming languages such as Python, C#, and Java. Passionate about emerging technologies, particularly machine learning and computer vision. Eager to apply knowledge and skills to innovative projects. Possesses a collaborative mindset and a drive for continuous learning. Enthusiastic about contributing to impactful projects and further developing expertise in computer vision and machine learning.

## Education

El Shorouk Academy

Bachelor of Computer Science

June 2024

El Shorouk City, Cairo, Egypt

- GPA: Very good

## Projects

- Drive Wise - Graduation Project | Python, Django, Flask, Tensorflow, Scikit-learn, OpenCV, Yolo | 2024 | [GitHub Repository](#)
- Grade: Excellent.
    - Designed and implemented a model for driver drowsiness detection.
    - Designed and deployed a RESTful API using Flask Framework.
    - Implemented a real-time Violation Detection and logging using Firebase Real-time Database.
    - Design and implemented a dashboard using Django.
- Egyptian Currency Recognition | OpenCV, DataGradients, YOLO, Roboflow | 2023 | [Deployment Link](#)
- Created a system to help visually impaired individuals recognize banknote denominations.
  - Employed YOLO detection model and OpenCV for image processing and recognition tasks.
- Rental Contracts Expert System | CLIPS | 2024 | [GitHub Repository](#)
- Developed an expert system to assist civilians in creating rental contracts that comply with Egyptian legal requirements.
  - Implemented using CLIPS for rule-based reasoning and knowledge representation.

## Technical Skills

**Programming Languages**  
Experienced: Python, C#  
Intermediate: Java, Flutter  
Familiar: C++, CSS, JavaScript, Bootstrap, PHP

**ML Frameworks:** TensorFlow, Keras, Scikit-Learn

**Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn

**Databases:** MySQL, Firebase

**Development Tools:** Git, Docker, Jupyter Notebooks

**Other:** Amazon web services (AWS), Prompt Engineering, OpenCV

**Soft Skills:** Communication, Problem Solving, Critical Thinking

## Achievements

- Ranked first in my 1st Semester of Fourth Year at El Shorouk Academy
- Ranked second in my 3rd Year at El Shorouk Academy

## Certificates

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- **AWS Academy Cloud Foundations**  
Issuer: Amazon Web Services Training and Certification  
Issued: August, 2024  
***Certificate link***
- **HCIA-AI Learning course**  
Issuer: El Shorouk Academy & Huawei ICT Academy  
Issued: february, 2024
- **Advanced Learning Algorithms**  
Coursera  
Issued: October, 2023  
Credential ID: PTJSVDED9N9T
- **Supervised Machine Learning: Regression and Classification**  
Issuer: Coursera  
Issued: July, 2023  
Credential ID: SFDAQ837LL2H

## Languages

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- **Arabic:** Native Speaker
- **English:** Intermediate