

YOUSEF ABDELNASSER

AI Engineer

☎ +20 114 327 7598

✉ youssef.abdelnasser54@gmail.com

🌐 linkedin.com/in/youssef-abdelnasser

🐙 github.com/YoussefAbdelnasser11

Objective

Aspiring AI Engineer with a strong foundation in machine learning, deep learning, and computer vision. Seeking opportunities to apply and enhance my technical and research skills in developing intelligent systems that solve real-world problems.

Education

Beni Suef National University

Oct. 2022 – Jun. 2026

Bachelor of Artificial Intelligence (Grade: Very Good)

Beni Suef, Egypt

- Relevant Coursework: Machine Learning, Deep Learning, Computer Vision, Data Structures, Algorithms, Database Management, Artificial Intelligence, Systems Programming.

Experience

Technocolabs Softwares

Feb. 2025 – Apr. 2025

Data Scientist Intern (Remote)

- Preprocessed data, engineered features, and applied machine learning techniques to build predictive models.
- Optimized AI data pipelines and improved algorithm performance and scalability.
- Gained hands-on experience in real-world AI projects, working collaboratively in a remote environment.

Projects

Gym Management System | *Python, Django, HTML, CSS, SQL*

- Led full-stack web-based gym system covering memberships, bookings, payments, and attendance.
- Designed and documented SRS, use case, class, sequence, and ER diagrams.
- Built and connected database with Django backend and secure authentication.

Heart Disease Prediction App | *Python, Scikit-learn, Logistic Regression*

- Developed a user-friendly app to predict heart disease based on clinical input.
- Used logistic regression for binary classification and built clean UI.

Plant Disease Prediction | *Python, TensorFlow, CNN*

- Built CNN model to classify plant diseases from leaf images.
- Used data augmentation and transfer learning for generalization.

Face Mask Detection | *Python, OpenCV, TensorFlow*

- Built real-time face mask detector with OpenCV and TensorFlow.
- Achieved high accuracy in detecting mask usage in live video.

Sentiment Analysis | *Python, NLTK, Naive Bayes*

- Built NLP model to classify restaurant reviews as positive or negative.
- Used CountVectorizer and Naive Bayes with text preprocessing.

Technical Skills

Languages: Python, Java, C++

AI & ML: TensorFlow, PyTorch, Keras, Scikit-learn, SVM, Decision Trees, KNN

Computer Vision: OpenCV, Image Processing, Feature Extraction

Data Tools: Pandas, NumPy, Matplotlib, Seaborn

Databases: SQL Server, MySQL, PostgreSQL

Tools: Jupyter Notebook, Google Colab, VS Code

Trainings and Certifications

- **Financial Inclusion and Banking Operations – Banque Misr (Mar. 2025)**
Explored financial inclusion strategies and banking processes.
- **Huawei HCIA-AI Training (Sept. 2024)**
Completed an intensive course in AI and deep learning development.
- **ITI Summer Training Program (Jul. 2024)**
60-hour training in Python, HTML, CSS, PostgreSQL. Grade: 96%.
- **AI Winter Training – BUE (Jan. 2025)**
Hands-on experience in real-world AI tools and applications.
- **Microsoft Azure AI Fundamentals**
Gained knowledge in AI basics and Azure services.
- **Aspire Leaders Program – Aspire Institute (Harvard University, USA) (Mar. – May 2025)**
Completed all modules (1 & 2) of the Aspire Leaders Program – 40 hours. Gained advanced skills in critical thinking, communication, and leadership.
- **Shabab Mobtakroon – Ministry of Youth and Sports (Feb. – Apr. 2025)**
AI, ML and Quantum ML. Completed 60 hours of technical training and delivered a graduation project.

Soft Skills

Teamwork, Leadership, Problem-Solving, Research, Organization, Fast Learning, Self-Motivation

Languages

Arabic (Native), English (Very Good)