

Amr Adel - AI Developer

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Profile Summary

AI Developer with a strong foundation in machine learning, deep learning, and natural language processing. Experienced in building scalable models using Python and TensorFlow, and passionate about solving real-world problems with data-driven solutions. Fast learner, team player, and always eager to innovate.

Skills

- Languages: Python, SQL, Bash
- Libraries/Frameworks: TensorFlow, PyTorch, scikit-learn, Hugging Face, FastAPI
- Tools: Git, Docker, Jupyter, VS Code, Postman
- AI/ML: NLP, Computer Vision, Recommendation Systems, Transformers
- Data: Pandas, NumPy, OpenCV, Matplotlib, MongoDB

Education

B.Sc. in Artificial Intelligence

Faculty of Computers and Information, Mansoura University

2020 - 2024

GPA: 3.6 / 4.0

Projects

- Resume Job Matcher API

FastAPI-based microservice that extracts skills from CVs and recommends matching jobs using semantic similarity (Sentence Transformers + spaCy).

- Skin Disease Classification App

Trained a CNN on a dermatology dataset to classify 7 skin diseases using TensorFlow and deployed the model on a Flask web app.

- Arabic Chatbot using Transformers

Fine-tuned a pre-trained BERT model for building a chatbot capable of answering domain-specific questions in Arabic.

Experience

- AI Intern - ITI (Information Technology Institute) | Remote | July 2024 - Sep 2024
- Built a multi-label text classifier using BERT and FastText.
- Integrated ML models into web APIs using FastAPI.
- Collaborated on real-time data processing projects using Kafka and Spark.

Certifications

- TensorFlow Developer Certificate - Google
- Deep Learning Specialization - Coursera (Andrew Ng)
- Natural Language Processing with Transformers - Hugging Face

Languages

- Arabic (Native)
- English (Professional)