






AHMED HASSAN SAQR

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Skills

- Python | OOP | TensorFlow | PyTorch | scikit-learn | Git | GitHub | Machine Learning | Deep Learning | MLOps
- Problem Solving | Data Manipulation | Data Analysis | Pandas | NumPy | Natural Language Processing (NLP)
- Computer Vision | Seaborn | Communication Skills | Data Structures | Algorithms | Statistics | Linear Algebra

Experience

AI Trainee **Instant** **6/2024 – Now**

- Gained expertise in Python, OOP, Data Structures, Databases, Machine Learning, and Deep Learning.
- Hands-on experience with data preprocessing, model development, and deployment of AI solutions.
- Built projects ranging from supervised and unsupervised learning to advanced deep learning architectures.
- Collaborated with peers in developing end-to-end AI solutions, including data collection, model training, and evaluation.

DEMI Coding Instructor **iSchool** **6/2024 – 8/2024**

- Led coding instruction for over 80 students, delivering more than 74 interactive sessions.
- Developed and implemented project-based learning modules focused on programming and software development.
- Mentored students in hands-on coding projects, fostering problem-solving skills and practical application of programming.
- Collaborated with educational teams to design curriculum and evaluate student progress.

Microsoft Machine Learning Engineer program **Digital Egypt Pioneers Initiative - DEPI** **4/2024 – 7/2024**

- Apply statistical analysis and data modeling to understand trends and patterns in data.
- Utilize Python programming language for data science tasks including data analysis, visualization, and machine learning.
- Develop, test, and deploy machine learning models to solve complex business problems.
- Work towards Azure AI Engineer Associate certification to stay updated with the latest AI trends and technologies.
- Use MLOps tools like MLflow for managing the machine learning lifecycle.

Mobile App Development internship **The Sparks Foundation** **1/2024 – 2/2024**

- Developed mobile applications using Flutter, focusing on cross-platform compatibility and user-centric design.
- Collaborated with a team to build, test, and deploy mobile applications, ensuring smooth functionality.
- Gained experience in Dart programming, UI/UX design, and integrating third-party APIs.
- Contributed to the full app development lifecycle, from planning and design to implementation and deployment.

Education

Bachelor of Computer science **HTI – Computer Science** *Egypt* **08/2022 - 08/2026**

- Major in Computer science
- Current GPA: 3.47

Mentorship

- **Computer Science Tutor:** Programming | Data Structure and Algorithms | Machine learning | Deep Learning | Computer Vision | Mobile App Development.
- **Leader of ASI-HTI Community:** Led and mentored a group of over 120 students in Machine Learning, Deep Learning, Computer Vision, and Natural Language Processing (NLP), and coordinated with other committee members to ensure efficient management and continuous improvement of learning resources, and provided guidance on project development, helping students apply theoretical knowledge to real-world problems.

Summary

- A seasoned Machine and Deep Learning Engineer with a strong background in designing and implementing AI solutions. Proficient in Computer Vision techniques, enabling the development of advanced systems capable of interpreting visual data effectively. Skilled in Natural Language Processing (NLP), facilitating the creation of intelligent systems that understand, interpret. Additionally, holds experience in Mobile App Development, bringing AI capabilities to handheld devices for user-friendly applications. Committed to staying current with the latest AI trends and technologies, and leveraging them to solve complex problems and deliver value.