

Abdelrhman Hany

Intelligent Systems Engineer

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· [GitHub](#)

WORK EXPERIENCE

NTI Summer
Training
2025

NTI (HCIA-AI V3.5
Course)
2025

UneeQ Interns
2025

Minyastor Company
Limited
2023 – 2024

Deep Learning & Computer Vision Intern

- Completed intensive training in Deep Learning and Computer Vision.
- Gained hands-on experience with modern deep learning frameworks and computer vision tools.
- Developed practical skills in building and deploying AI models for image analysis tasks.

AI/ML, DL Intern

- Completed intensive training in Machine Learning, Deep Learning, and AI fundamentals aligned with Huawei HCIA-AI V3.5 certification.
- Gained hands-on experience with modern AI tools and deep learning frameworks.

Web Development Intern

- Developed interactive and responsive web applications using HTML, CSS, and JavaScript.
- Collaborated with a team to design and optimize user interfaces for better user experience.
- Enhanced website performance by implementing best practices for coding and optimization.
- Gained hands-on experience in front-end development and UI/UX design principles.

Graphic Designer & Social Media Specialist

- Designed creative visual content for various digital platforms.
 - Managed and optimized social media campaigns to enhance brand presence.
- Worked closely with the marketing team to ensure consistent branding and messaging.

PROJECTS

- **House Price Prediction** - Built a regression model to predict house prices based on multiple features. [GitHub](#)
 - **Heart Diseases Prediction** - Developed a classification model to predict heart disease risks from patient data. [GitHub](#)
 - **Bank Churn Model** - Implemented a predictive model to identify customers likely to churn in banking datasets. [GitHub](#)
 - **Stroke Detection with Deployment** - Built and deployed a stroke detection model with a web interface. [GitHub](#)
 - **Electronics Website** - Designed and developed a responsive e-commerce website for electronics products. [GitHub](#)
 - **Steganography & Speaker Verification** - Combined steganography techniques with speaker verification models for secure audio data transmission. [GitHub](#)
 - **Mimi Foods Website** - Built a restaurant website showcasing menu and online ordering features. [GitHub](#)
 - **Flood Segmentation Model** - Developed a deep learning segmentation model using U-Net with EfficientNetB3 backbone to detect flooded regions in satellite images. [GitHub](#)
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EDUCATION

Helwan National University
2022 - 2027

Bachelor of Intelligent Systems Engineering

Specializing in Machine Learning, Artificial Intelligence, and Data Science.
Studying Computer Vision, Neural Networks, and Deep Learning.
Gaining expertise in Embedded Systems and Robotics.
Building a strong foundation in Mathematical Modeling and Algorithms.

SKILLS

LANGUAGE

- Programming: Python (advanced), C++, Java
 - ML Frameworks: TensorFlow, Scikit-learn Computer Vision, Data Preprocessing, Feature Engineering
 - Tools: MySQL, Git, GitHub, Linux, Jupyter Notebooks, Adobe Photoshop, Illustrator
 - Web: React, NextJS, HTML, CSS, JavaScript, UI/UX Principles
- English – Proficient
Arabic – Native