

# Abdelrhman Hany

## Intelligent Systems Engineer

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· [abdelrhmanhany912@gmail.com](mailto:abdelrhmanhany912@gmail.com)

· [GitHub](#)

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## WORK EXPERIENCE

NTI Summer  
Training  
2025

### 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.

NTI (HCIA-AI V3.5  
Course)  
2025

### 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.

UneeQ Interns  
2025

### 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.

Minyastor Company  
Limited  
2023 - 2024

### 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

- 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

## LANGUAGE

English – Proficient  
Arabic – Native