

AI Computer Vision CV

Professional Summary

AI engineer specializing in computer vision and deep learning, experienced in developing models for segmentation, classification, and image analysis.

Skills

- Python
- PyTorch
- TensorFlow
- Keras
- OpenCV
- NumPy
- Pandas
- Semantic & instance segmentation
- Object detection
- Model evaluation
- Preprocessing & augmentation
- Git
- Docker
- Jupyter

Experience

- Computer Vision Intern | VisionAI | Cairo, Egypt | Jan 2022 – Present
 - Developed semantic segmentation models achieving 92% Dice score on validation.
 - Preprocessed satellite imagery and annotated datasets for training.
- AI Research Assistant | Cairo University | Jun 2021 – Dec 2021
 - Implemented classification models for medical imaging datasets.

Projects

- Image Segmentation Model: Deep learning model to detect water bodies in satellite images.

- Satellite Analysis Project: Multispectral image analysis for environmental monitoring.
- Classification Model: CNN-based model for object recognition with 95% accuracy.

Education

- BSc in Computer Engineering | Cairo University | 2021