

# Ziad Adel. Khalifa

Egypt, 61631 | (+20) 1153787827 | zead.adel.fast@gmail.com | <https://www.linkedin.com/in/ziad-adel-khalifa-3a6063231/> /in/Ziad Adel  
| [ <https://github.com/ZiadAdelKhalifa> ] /in/Ziad Adel

---

## CAREER SUMMARY

### Computer Vision:

- Highly motivated and results-oriented Computer Vision Engineer developing and implementing deep learning models for object detection, image recognition, and optical character recognition applications. Proficient in Python, TensorFlow, and OpenCV. Successfully developed Drowsy driver detection by face landmarks , Car plate recognition using open CV, Parking using Yolov8 [<https://github.com/ZiadAdelKhalifa/real-project-computer-vision>].

### Natural Language Processing:

- Skilled Natural Language Processing Engineer with a passion for building intelligent language systems , experience in text classification, sentiment analysis, Proficient in Python, NLTK, and spaCy. Contributed to the development of a Amazon Reviews for Sentiment Analysis and Disaster Tweets-analysis [<https://github.com/ZiadAdelKhalifa/Natural-Language-Processing-NLP-projects/tree/main>].

### Generative AI:

- Creative and technically adept Generative AI Engineer , good knowledge in image generation ,attention mechanism ,Transformer and Bert model , Encoder Decoder Architecture ,image captioning model and vector search . Proficient in Python , and generative modeling frameworks like GANs and VAEs.

---

## SKILLS AND STRENGTHS

- Python Programming Foundation.
- Exploratory Data Analysis using matplotlib , pandas , seaborn.
- Classical machine learning algorithm with projects from kaggle [<https://github.com/ZiadAdelKhalifa/kaggle-projects-for-scikit-learn>]
- Deep learning with it is concepts like : Artificial Neural Networks , Activation Functions , Forward Propagation , Backpropagation , Gradient Descent , Overfitting , Convolutional Neural Networks , Transfer Learning.
- Computer vision using opencv [<https://github.com/ZiadAdelKhalifa/real-project-computer-vision>]
- Natural Language Processing and understanding of Text Representation , Part-of-Speech , Named Entity Recognition , Sentiment Analysis , Recurrent Neural Networks , Long Short-Term Memory , Transformers.

- **Generative Ai : Generative Adversarial Networks , Variational Autoencoders, Autoregressive Models**

## **EDUCATION**

Faculty of Engineering [computer science Engineering (CSE)]El Minya university

[the fourth year in the Faculty of Engineering]