

# IBRAHIM HENDAWI

Kafr El Sheikh, Egypt

☎ +20 1033607616

✉ [ibrahimhen846@gmail.com](mailto:ibrahimhen846@gmail.com)

🌐 [linkedin.com/in/ibrahim-hendawi](https://www.linkedin.com/in/ibrahim-hendawi)

🐙 [github.com/ihendawi](https://github.com/ihendawi)

## Objectives

Developer with a huge interest in Data Science, Machine Learning, Big Data Analysis and AI.

## Education

### Bachelor of Artificial Intelligence

*Kafrelsheikh University (GPA: 3.3/4)*

**October 2021 – present**

*Kafr El Sheikh, Egypt*

## Work Experience

### Site Coordinator (part-time)

*Almentor*

**July 2024 - present**

*Kafr El Sheikh (on-site)*

- Ensure efficient utilization of venue space, equipment, and materials.
- Actively engage with the sessions offline.
- Address challenges and resolve issues during sessions.

## Projectes

### Respiration Rate With Computer Vision | *Python, Computer Vision, Flask, Docker Containers*

**May 2024**

- I developed a Python application utilizing OpenCV to accurately detect the chest area and calculate the patient's respiration rate.
- The system leverages image processing techniques to monitor breathing patterns, providing an efficient and non-invasive method for respiratory analysis.
- Deployed in web app and Docker container.
- Run the container on Microsot Azure Container Instances
- 🐙 [GitHub Repo for code.](#)

### Amazon Reviews Classification | *NLP, LSTM, Python*

**December 2023**

- Make sentiment analysis on Amazon Reviews Dataset with LSTM.
- 🐙 [GitHub Repo for code.](#)

### Cardiovascular Heart disease detection | *EDA, ML, Stacking Learnig, Python*

**December 2024**

- Provided valuable insights into the risk factors and predictive measures for heart diseases.
- Make a Machine Learnig model to make Classification (Stacking Learnig)
- 🐙 [GitHub Repo for code.](#)

### Smart Pharmacy *C, Arduino, CNC Board, MIT app inventor*

**September 2023**

- Make a smart pharmacy with Arduino and CNC Board that can control with mobile Phone
- Make a simple Android App to connect with the pharmacy via Bluetooth and providing a dashboard for users to choose from
- 🐙 [GitHub Repo for code.](#)

## Technical Skills

**Languages:** Python, SQL, C/C++, Java, LaTeX, HTML/CSS

**Concepts:** Big Data, DevOps, Data Analytics, OOP, Data Science, Machine Learnig, LLM

**Developer Tools:** VSCode, Docker, Microsot Azure, Microsot Fabric, Anaconda

**Technologies/Frameworks:** Linux, Git/GitHub, SK-learn, TensorFlow, NLTK, Tableau

## Certifications

*Big Data 101* | IBM

*September 2024*

*Applied Deep Learning* | Mahara Tech

*September 2024*

*Computer Vision* | Kaggle

*August 2024*

*Intro to Deep Learnig* | Kaggle

*August 2024*

*Learning Data Analytics: 1 Foundations* | Linkedin Learn

*August 2024*

*Introduction to Career Skills in Data Analytics* | Linkedin Learn

*July 2024*

*Supervised Machine Learning: Regression and Classification* | Coursera

*September 2023*

*Data Analysis Challenger Track* | Udacity

*September 2022*

## Valunteering Experience

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### Computer Vision Mentor

**January 2024 - April 2024**

*Microsoft Student Ambassador Kafrelsheikh SC, Kafr El-Sheikh*

*Kafr El Sheikh (Hybird)*

- Holding Computer Vision sessions.