

IBRAHIM HENDAWI

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🐙 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

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

Valunteering Experience

Computer Vision Mentor

Microsoft Student Ambassador Kafrelsheikh SC, Kafr El-Sheikh

January 2024 - April 2024

Kafr El Sheikh (Hybird)

- Holding Computer Vision sessions.

Certifications

<u>PostgreSQL Summary Stats and Window Functions</u> DataCamp	September 2024
<u>Data Manipulation in SQL</u> DataCamp	September 2024
<u>Joining Data in SQL</u> DataCamp	September 2024
<u>Intermediate SQL</u> DataCamp	September 2024
<u>Intermediate SQL</u> DataCamp	September 2024
<u>Introduction to SQL</u> DataCamp	September 2024
<u>Big Data 101</u> Cognitive Class	September 2024
<u>Applied Deep Learning</u> Mahara Tech	September 2024
<u>Computer Vision</u> Kaggle	August 2024
<u>Intro to Deep Learnig</u> Kaggle	August 2024
<u>Learning Data Analytics: 1 Foundations</u> Linkedin Learn	August 2024
<u>Introduction to Career Skills in Data Analytics</u> Linkedin Learn	July 2024
<u>Supervised Machine Learning: Regression and Classification</u> Coursera	September 2023
<u>Data Analysis Challenger Track</u> Udacity	September 2022