Ibrahim Hendawi

Kafr El Sheikh, Egypt

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Objectives

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

Education

Bachelor of Artificial Intelligence　　　　　　　　　　　　　　　　October 2021 – present
Kafrelsheikh University (GPA: 3.3/4)　　　　　　　　　　　　　　　　*Kafr El Sheikh, Egypt*

Work Experience

Site Coordinator (part-time)　　　　　　　　　　　　　　　　July 2024 - present
Almentor　　　　　　　　　　　　　　　　*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 | Cognitive Class	*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

Computer Vision Mentor **January 2024 - April 2024**
Microsoft Student Ambassador Kafrelsheikh SC, Kafr El-Sheikh *Kafr El Sheikh (Hybird)*
- Holding Computer Vision sessions.