Ibrahim Hendawi

Kafr El Sheikh, Egypt

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Summary

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   *Kafr El Sheikh, Egypt*

Internships

Applied Data Science Lab   July 2024 – October 2024
WorldQuant University   *Online*

Cyber Security Intern   July 2024 - August 2024
TelecomEgypt   *Smart Village (on-site)*

- Comprehensive cyber-security training program
- Hands-on experience with security tools and protocols

Projects

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 Microsoft 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 Learning, Python*   December 2024

- Provided valuable insights into the risk factors and predictive measures for heart diseases.
- Make a Machine Learning model to make Classification (Stacking Learning)
- ○ 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, Dart
Concepts: Big Data, DevOps, Data Analytics, OOP, Data Science, Machine Learnig, LLM
Developer Tools: VSCode, Docker, Microsoft Azure, Microsoft Fabric, Anaconda
Technologies/Frameworks: Linux, Git/GitHub, SK-learn, TensorFlow, NLTK, Tableau, Flutter

Volunteering Experience

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

- Holding Computer Vision sessions.

Certifications

PostgreSQL Summary Stats and Window Functions	DataCamp	*September 2024*
Data Manipulation in SQL	DataCamp	*September 2024*
Joining Data in SQL	DataCamp	*September 2024*
Intermediate SQL	DataCamp	*September 2024*
Intermediate SQL	DataCamp	*September 2024*
Introduction to SQL	DataCamp	*September 2024*
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*