

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

Kafrelsheikh University

October 2021 – present

Kafr El Sheikh, Egypt

Internships

Applied Data Science Lab

WorldQuant University

July 2024 – October 2024

Online

Cyber Security Intern

TelecomEgypt

July 2024 - August 2024

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 Learning, 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 (Hybrid)

- 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 Learning</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