Habiba Afifi

Doha, Qatar | http://www.linkedin.com/in/habiba-afifi-0315a5200|
74059180 | habibaafifi2908@gmail.com | https://github.com/hafifi29

SUMMARY

Engaged and passionate computer science graduate with a strong foundation in mathematics and programming. Familiar with numerous programming languages such as Python, C++, and Java, and capable of learning new technologies quickly. Have a strong foundation and experienced in building machine and deep learning models using platforms such as TensorFlow .I am looking for a job in a cooperative and supportive environment that fosters a positive attitude, a willingness to learn, and motivation to acquire new skills.

EDUCATION

Beni-Suef University   **Beni-Suef, Egypt**
BS in Computer Science (GPA: 3.79 / 4.00)   *October2020 - July 2024*
- Graduated with honors , First in the Class.

PROJECT EXPERIENCE

DDDS
Driver Drowsiness detection System   *November 2023 – June 2024*
- The project aimed to use computer vision and an embedded device to detect drowsiness for drivers on highways and take necessary actions to prevent road accidents.
- Used Computer vision to detect facial landmarks of the drivers and calculate a ration that detects if the eye is opened or closed.

GAN
Generative AI for clothes items   *December 2023 – January 2024*
- Build a Generative adversarial network that trains on the FashionMinst dataset and learns to generate new images clothes articles using TensorFlow.

Student Union Election website
Website for election process   *February 2023 – May 2023*
- Created a website for the student union election process on college and university level.
- Used Django Python for building the website.

LEADERSHIP EXPERIENCE

Technical support for ICPC community   **Beni-Suef, Egypt**
                                                                                                  Nov 2021– Feb 2022

- Worked with more than 100 students to help with developing problem-solving skills .
- Responsible for creating new problems on code forces websites with creating test cases .

SKILLS

Technical Skills: Python | Machine Learning | Deep learning |Big Data | Computer Vision |TensorFlow| SQL | Problem Solving | Algorithm analysis | Software development workflow | Cloud Computing Foundation | Git .

Languages: Arabic | English (ILETS score of 7.5 / 9).

Soft skills : Presentation | Communication | Time management | Critical Thinking | Agile Workflow.

COURSES

Python for Computer Vision with OpenCV and Deep Learning   **Udemy**
                                                                                                  Jan 2024-Present

- Perform image manipulation with OpenCV, including smoothing, blurring, thresholding, and morphological operations.
- Detect Objects, including corner, edge, and grid detection techniques with OpenCV and Python.
- Use Python and Deep Learning to build image classifiers.

Advanced Learning Algorithms   **Stanford, Coursera**
                                                                                                  Jan 2023-Feb 2023

- Build and train a neural network with TensorFlow to perform multi-class classification.
- Apply best practices for machine learning development so that your models generalize to data and tasks in the real world.
- Build and use decision trees and tree ensemble methods, including random forests and boosted trees.

Supervised Machine Learning: Regression and Classification   **Stanford, Coursera**
                                                                                                  Nov 2022-Oct 2022

- Build machine learning models in Python using popular machine learning libraries NumPy & scikit-learn.
- Build & train supervised machine learning models for prediction & binary classification tasks, including linear regression & logistic regression.