Mohamed Samir Said

Computer engineering Student

Cairo, Egypt

+201117482827

mohamedsamir2452002@gmial.com
github.com/MohamedSamir245
www.linkedin.com/in/mohamed-samir

Introduction

I am currently pursuing a bachelor degree in Computer Engineering with a focus on machine learning, and have completed several relevant coursework and projects. I gained experience in developing and implementing machine learning algorithms for various applications, including computer vision. I have skills in programming languages such as Python, Java, and C++, and experience working with popular machine learning frameworks such as TensorFlow, Keras, and Scikit-Learn. Currently I'm studying details of ML algorithms from "Hands on Machine Learning with Scikit-Learn, keras and TensorFlow" book.

Education

B.S. Computer Engineering
Student at 3nd year, Cairo University, Faculty of Engineering.
Grade: Excellent

High school diploma – Mathematics branch
Ahmed Orabi School
School Grade: 99.4%.

Technical Skills

- C++ | Python | Jupyter
- TensorFlow | Pandas | Matplotlib | Scikit-Learn | OpenCV
- MySQL | NoSQL (MongoDB)
- Front-End & Back-End
- JavaScript | React | Node | HTML | SCSS
- Problem Solving
- Data Structure and Algorithms
- Object Oriented Programming
- Linux (Ubuntu)
- Machine Learning & Deep Learning Algorithms
- Assembly & Verilog

Technical Projects

Stroke Prediction [Link]
Classification model built with ML and DL using some algorithms such as ANN, BaggingClasiffier, LogisticRegression, KNeighboursClassifier, RandomForestClassifier and SVM

Dog Breed Identifier [Link] 2022
Deep Learning Project: CNN model to identify the breed of the dog out of 70 breeds using mobilenet-v2.

Emotion Classifier [Link] 2022
Deep Learning Project: CNN model to classify the emotion of face from an image.

Advanced-Encryption-System [Link] 2022
The AES algorithm is capable of using cryptographic kays of 128, 192 and 256 bits to encrypt and decrypt data is blocks of 128 bits.

Enhanced-Snake & Ladder-Game [Link] 2022
Mixture of snake & ladder and monopoly games. This was a university project that focus on "OOP".

Arithmetic-Logic-Unit [Link] 2022
Calculator using logic gates that can do multiplication, remainder, subtraction, addition.

Shipping-Company-Simulator [Link] 2022
Simulator for a shipping company system. Main focus in this project was Data Structure.

Hand-Tracking-Module [Link] 2022
Python module that tracks both hands or one hand from webcam. It can be used in different ways. And a program that adjusts volume level with hand.

Web-Scrapping-Hatla2ee [Link] 2022
Three scripts made using python to collect data about cars from https://eg.hatla2ee.com/en. The data used in a data base project in the university.

ToDo-React-App [Link] 2022
ToDo Website built with React, HTML, CSS, JS and MySQL.

Car-Tech Website [Link] 2022
Website for different car services built with React, HTML, SCSS, JS, Node and MySQL.

Ping-Pong-game (Python) [Link] 2021
Simple ping pong game built with python.

Person-Classifier [link] 2022
CNN model to predict the person in an image built with TensorFlow.