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https://github.com/Eslam138

EDUCATION

CAIRO UNIVERSITY   Cairo, Egypt
Bachelor of Computer Science   June 2022
Major in Artificial Intelligence
Relevant Coursework: Machine Learning; Supervised Learning; Unsupervised Learning; Deep Learning;
NLP; Software Engineering; Reinforcement Learning; Artificial Intelligence; Algorithms;

PROJECTS

Facial Recognition System with Anti-spoofing measures and Liveness Detection Models
Graduation Project
- Grade: A+
- Accuracy: 99%
- Designed and implemented a Deep Learning model to detect any presentation attack
- Use One Shot Learning in Face recognition

Handwritten digits Classification with Deep Learning
- Designed and implemented a Deep Learning model to classify handwritten digits
- Trained using The MNIST database

Handwritten digits Classification with Machine Learning
- Designed and implemented a Machine Learning model to classify handwritten digits
- Trained using The MNIST database
- KNN
- Neural Network
- SVM and Linear Classifier

BASIC NEURAL NETWORK
- Implemented from Scratch

Predict PRICE OF HOUSES
- Designed and implemented a Machine Learning model to Predict Price of Houses
- LINEAR REGRESSION

DBSCAN Clustering Algorithm
- Implemented from Scratch

DecMeg2014---Decoding-the-Human-Brain-in-Kaggle

- Predict visual stimuli from MEG recording of human brain activity

Twitter-Sentiment-Analysis-using-NLP-and-Neural-Networks-Techniques

- provide the social media users emotions related to shared topics and information. Extracting features from this process cause to find the sentiment words, emotions

Deep-Convolutional-AutoEncoders-for-reconstructing-the-images-of-the-MNIST-dataset

- Reconstructing images with an autoencoder

A-Deep-Learning-Model-for-Automated-Sleep-Stages-Classification

COURSES AND ACHIEVEMENTS

Deep Learning Specialization

- Neural Networks and Deep Learning Course
- Structuring Machine Learning Projects Course
- Convolutional Neural Networks Course
- Sequence Models Course

ADDITIONAL

Technical skills:

- Data structures
- Data modeling
- Data Visualization
- Predictive modeling
- Regression
- Clustering and classification
- Tensorflow
- Keras
- Numpy
- Pandas
- Scikit Learn
- MATLAB
- Natural Language Processing
- Jupyter Notebook
- ML Algorithms

Programming Languages:

- Python
- C++
- Java