Shrouk Mansour

Giza, Egypt.
(+2) 1117811475
shroukmansour99@gmail.com
github.com/ShroukMansour

EDUCATION

Faculty of Computers and Information, Cairo— *Bachelor*

2015-2019

Fourth year student IT major-CS minor.

PROJECTS

Salena — *Graduation project for marketing*

A deep learning model that can describe/caption a given image, then the caption is used as an entry point to a chatbot system for interacting with people around and marketing the proposed products.

Subtitles Extraction App —Extract subtitles from video or image

Image processing techniques used like Segmentation and Morphology to locate the letters in the image, then OCR system is applied. Github link

Computer Vision Algorithms—Different algorithms applied on images

A set of cv algorithms, they are Template Matching, Canny, HOG, Harris, Hough and Panorama Stitching. Github link

Targmli—Chat based translation app

Targmli is a translation web app, used to translate sentences from Arabic to English in chat form with sentiment analysis for each sentence, speech to text and text to speech. All are APIs based. Github link

Blockchain simulator—Multi node simulator

Simulation of the blockchain mechanism, a node add a transaction, a miner take a set of a transactions, mine it and add it to the longest blockchain on the network. Any node can join the network. Github link

ACHIEVEMENTS

-Joined **GUINNESS** world records for participating in the biggest hackathon in the world.

-**Top 4** on IT department.

SKILLS

Deep learning, Image processing, Computer vision, Graphics, Web development.

Python, Matlab, Java, C++, C, Javascript.

Keras, Django, Nodejs.

EXTRA CURRICULAR ACTIVITIES

Machine learning instructor at ESL [2018-2019]
-Presenting sessions in machine learning as an introduction [Linear regression, Logistic regression, Neural network].

IT member at MOIC [2016-2017]
-Developing the backend of MOIC website.

Web design instructor at Fekra [2016-2017]
-Presenting sessions in web design to teach participants in the workshop [html, css, js, jquery, bootstrap].
-Mentoring them to create projects using technologies they learned.