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Computer and Systems Engineer

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EDUCATION

B.S.E. in Computer and Systems Engineering

Faculty of Engineering, Ain Shams University

09/2014 – 07/2019

Grade: Good

Courses

- Image Processing
- Big Data
- Databases
- Operating Systems Design
- Algorithms And Data Structures
- Deep Learning
- Security
- Artificial Intelligence
- Networks

PROJECTS

Graduation Project: Video Summarization

- Deep Learning Model, takes video link as an input and outputs a text summary of the video
- Grade: Excellent

Hand Gestures Computer Controller

- Python program that uses the webcam to detect hand gestures and map them to user defined keyboard keys and shortcuts.

SKILLS

Problem Solving

Machine Learning

Deep Learning

Image Processing

Object Oriented Programming

Multithreading

Digital Design

Command Line Tools

Linux

Design Patterns

Algorithms and Data Structures

PROGRAMMING LANGUAGES

Python	●	●	●	●	○
C/C++	●	●	●	○	○
Bash Shell Scripting	●	●	●	○	○
Verilog/VHDL	●	●	●	○	○
Java/Android Development	●	●	○	○	○
C#/.NET	●	●	○	○	○
HTML	●	●	○	○	○
CSS	●	●	○	○	○
JavaScript	●	○	○	○	○

TOOLS

OpenCV

Tensorflow

Pytorch

Django Framework

SQL

Numpy

Git

Qt/PyQT

NoSQL