

# Ahmed M. Hassan

## EDUCATION

### CAIRO UNIVERSITY

Bachelors of Computer Engineering

GPA: 3.2

2016-2021 | Cairo, Egypt

### Sahara Language School

Grade: 98% August

2016 | Cairo, Egypt

## CONTACT

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## LINKS

Git hub @AhmedHassan

Linked In @AhmedHassan

## SKILLS

HTML5, CSS3, JavaScript, React, React Native, Express, redux, flux, bootstrap, tailwind, graphql, typescript, node.js, Mongo dB, Java, Python, C++, R, Git, Git flow, php, firebase, Linux.

## LANGUAGES

English | Advanced

Arabic | Native

## WORK EXPERIENCE

### Raccoon | Data analytics and MI engineer

2021 | Cairo, Egypt

- Analyze data using elastic search and Kibana
- Build both content based and collaborative recommendation systems.
- Build hybrid model of recommendation engine

### Raya | Network Engineer

2020 | Cairo, Egypt (remote)

### WE | Security Engineer

2020 | Cairo, Egypt

## PROJECTS

### Tazkarti

Made with React, redux, MySQL and php.

Build a website for a football league for different type of users (admins, manger, guest and a subscriber), with features to see the schedule of the matches and reserve tickets and add matches and approve users.

### SOQ

Made with Python, Keras, TensorFlow

SOQ is an abstract for (save our quota), as it aims to decrease the size of the uploaded videos using frame skipping modules and reconstruct these frames at the server side using ML (interpolation techniques) and then the customer can increase the resolution of the video by ML (super resolution techniques).

### Hand Writing classifier

Made with python, using SVM as a classifier and LBP for feature extraction.

Build a model using python to classify the hand written by only seeing 2 papers written by the writer using LBP as a feature extraction and SVM built in python library as a classifier.

### Music player website

Made with React, redux, NodeJS, Mongo and Express.

Worked with a team to build a website similar to Spotify, with different features like make a user and add songs to his different playlists and subscribing any plan he wants and a lot.

## CERTIFICATES & ACHIEVEMENTS

- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- Convolutional Neural Networks
- Structuring Machine Learning Projects
- Neural Networks and Deep Learning
- Front-End Web UI Frameworks and Tools: Bootstrap 4
- Front-End Web Development with React
- Multiplatform Mobile App Development with React Native