Contact

01017652324 (Mobile)
ahmed1337saied@gmail.com

www.linkedin.com/in/
ahmedsaied1337 (LinkedIn)
www.facebook.com/
Ahmed.Saied.45 (Personal)
github.com/Phylake1337 (Portfolio)
www.kaggle.com/phylake1337
(Portfolio)

Top Skills

Machine Learning

Deep Learning

Python (Programming Language)

Languages

Spanish (Elementary)

Arabic (Native or Bilingual)

English

Certifications

Convolutional Neural Networks

Machine Learning

Programming Languages, Part A

Data Structures | University of
California San Diego

Algorithms on Graphs | University of
California San Diego

Honors-Awards

2nd place E-JUST graduation project
competition (Image processing track)

Ahmed Saied

Jr. Data Scientist @ Elmenus
Alexandria

Summary

Passionate about coding, science, and computer vision. Avid learner.
Research-oriented. Challenge seeker.
A machine learning engineer who is passionate about AI
applications, especially in computer vision. I am experienced with
computer vision projects such as detection, tracking and action
recognition with tools like OpenCV, python, TensorFlow and Pytorch.

Experience

elmenus
Jr. Data Scientist
October 2021 - Present (3 months)
Cairo, Egypt

Upwork
Machine Learning | Deep Learning Engineer
April 2020 - October 2021 (1 year 7 months)
Egypt

Rising Talent Five-star freelancer, Specialist in debugging, development, and
integration of a Machine/Deep Learning module into an existing application,
also develop an End-to-End Machine/Deep Learning-based application from
the bottom up, achieving reliable performance, and accurate results.

Successfully Completed Tasks:

- Convert Multi-Class Classification code written in Tensorflow/Keras to its
Pytorch version maintaining the same settings, hyperparameters, accuracy,
and performance.
Client Feedback: "He was so awesome. Super willing to do extra work in order
to get the job done. I think it's great when you get people who are curious to
learn more and use their skills to do the best job possible. I will definitely work
with him again!"

- Cleansed, merged, explored, and analyzed data for a Gaming Store using Python/Pandas/Matplotlib.
Client's Feedback: "Ahmed is a pleasure to work with, always bringing ideas to the project and very active with his communication. We've finished up work for the current projects but I'll definitely keep him as a contact for future projects that are a good fit."

- Debugged Python code with Pandas, and regular expressions to manipulate, and analyze a Data frame.
Client's Feedback: "He spoke English fluently and his python skills are extraordinary."

- Evaluate new ML Optimizers in TF2/PyTorch vs. standard/common Optimizers Adam/AdaGrad on different types/sizes of Datasets eg: (ImageNet200, Cifer100, Flower102, StanfordCars192) using Python, Keras, Pandas, And Matplotlib for academic purpose.

iHub: Innovation Hub
ML Instructor at IJunior Program
July 2019 - September 2019 (3 months)
Egypt

Teaching Machine Learning concepts and techniques to 7~12 years old kids through 8 sessions under the supervision of iHub at the University of Alexandria, Faculty Of Engineering.

Alexandria University
Graduate Student
September 2018 - July 2019 (11 months)
Egypt

- A member of the graduation project team under the supervision of AvidBeam Tech. Egypt, And Alexandria bibliotheca technical support.
- The project won 2nd place in E-JUST graduation project competition (Image processing track).
- The main objective of the project is to utilize the Temporal Segmentation Network(TSN) to build an end-to-end surveillance system that is capable of recognizing human activities within the scope of its camera(s).
- Using the previously mentioned system to recognize actions in ONLINE mode, which means that a stream of frames is continuously sent to High-performance computer(HPC) servers to be processed, classified then the classification results are sent back to be viewed and examined onsite.

- Reimplement Temporal Segmentation Network(TSN) Algorithm to train, validate and test Inception CNN on UCF101 Dataset. (Also Kinetics Dataset used for transfer learning and performance enhancement).
- Implement the sliding window technique to enhance real-time performance.
- Tools: Python, Pytorch, Numpy.

─────

Education

Alexandria University
Bachelor's degree, Electrical, Electronics and Communications Engineering · (2014 - 2019)