Ziad Hussien
Machine Learninig Engineer

I am a machine learning engineer who focuses on Tensorflow framework, I am interested in learning about using deep learning in Healthcare.

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📱 01145512200
gdsc.community.dev/u/mww3c8/#/about
github.com/zeyadhessuin

EDUCATION

Faculty of Engineering
Aswan University

09/2018 - Present   *Aswan, Ranked 1st university in Egypt*

Courses

- Data Structure and Algorithms
- Control
- Database
- Computer Organization and Architecture
- Digital Design
- Microprocessing

WORK EXPERIENCE

Backend Developer Internship
Magdy Yacoub Heart Foundation

10/2021 - Present   *Aswan*

An Egyptian registered charity NGO running one of the exceptional projects of enormous significance to the health of the Egyptian

Achievements/Tasks

- Using Sanic framework we are building a system for the foundation
- Creating endpoints searching users by Medical Record Number
- Organizing the system in modules pattern to make it expandable

Contact : Mohamed Bastawi - https://www.linkedin.com/in/mohamed-bastawi-27374a74/

Machine Learning Engineer
Aswan University

09/2022 - Present   *Aswan, Egypt*

Computer Engineering department at the Faculty of Engineering at Aswan University

Achievements/Tasks

- Comparing different models in Precision Agriculture to get the best one
- Image Preprocessing for the captured data and extract features from it to be ready for training
- Using different methods to achieve high accuracy for the proposed system

SKILLS

Tensorflow · Python · Java · C++ · Glt/Github · GCP · Arduino · Problem Solving · My SQL · Supervised Machine Learning · VMs · Pandas · Numpy · Matplotlib · Sklearn · Anaconda · Data Science · Linux

PERSONAL PROJECTS

X-Team
- Robotics competition anniversary, Fire robots competition
- Won 2nd place

Data Structure Visualizer (2021) ⬀
- Visualization of Data Structure and Algorithms performance using Java

Lyris (2020)
- Injaz Misr competition, Lyris is an electronic robot for capturing scorpions.
- Won fund 150k EGP.

Brain Tumor Segmentation with MRI (10/2022 - Present)
- Detecting the infected cases from brain photos and drawing a mask for the infected part of the brain. It is a freelancing Project

ACHIEVEMENTS

Google Developer Students Club at Aswan University (GDSC) (07/2021 - Present)
Lead

ML Instructor at GDSC (07/2019 - Present)
ML Engineer

CERTIFICATES

HCIA-AI (2020 - 2023) ⬀
*AI certificate from **Huawei***

Python Kaggle ⬀

Kickstart your Career in Tech (08/2021) ⬀
*From **Bamboo Geeks** about Design Thinking, Agile principles and Scrum*

TensorFlow Developer Certificate (02/2022) ⬀
https://www.credential.net/group/173243