

Mahmoud Salama Elnazer

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Links : [Linked In](#) [Kaggle](#) [GitHub](#) [Data Camp](#)

A passionate and self-driven Machine learning Engineer Certified from AWS with hands-on experience in machine learning and deep learning contributed to various projects in the fields of Computer Vision and Data Science and aim to pursue a career in this field and push my skills even further by working in a professional team.

Education

- Apr2021-Jan2022 **Postgraduate Diploma of AI Pro, 9 Months program**
- Information Technology Institute(ITI), Nasr City, Egypt
 - School of Engineering and Computer Science(EPITA), France
 - **Graduation project**(Object Detection and Segmentation with Affectiva)
object detection on Voc data set using multiple technics (Yolo and SSD)
Semantic Segmentation on Kitti data set using(Unet-Resnet50,Deep labv3-Resnet50) .
- Sep2015-Jun2019 **Bachelor of Science, Benha University, Banha ,Egypt**
- Department: Special Geology.
 - Academic Rank : Fifth ,with GPA 2.91 of 4.

Projects

- Semantic segmentation of Satellite images
-Doing Deep Learning Image segmentation on satellite images Using U net model .
- Image Classification
-Doing Deep learning Image classification using Efficient Net model.
- Object Detection
-Doing Deep learning Object detection on Voc data set using Yolo v3 and SSD
- Semantic Segmentation
-Doing Deep Learning learning models on Kitti data set using Unet-Resnet50 and Deep labv3.
- Car Crash severity
-Doing Machine learning Model on the data after EDA for prediction .
- Seoul Bike Rents
-Doing Machine learning Model for on the data after EDA for prediction .
- Building Extraction
-GeoAI project using GIS satellite images doing object detection for building extraction .
- House pricing Prediction
-Doing Machine learning Model for on the data after EDA for prediction .

Courses &Certificates

- AWS Machine Learning Specialty via AWS [LINK](#)
- Deep learning Specialization Andrew NG via Coursera [Link](#)
- Completed Data science track via Data Camp [LINK](#)
- completed Python track via Data Camp [LINK](#)
- Machine Learning Nano degree via Udacity [link](#)
- Introduction To TensorFlow via Coursera [Link](#)
- AWS Cloud via AWS [LINK](#)
- Introduction to MongoDB Python via Data Camp [Link](#)
- SQL via Data camp [Link](#)
- Spatial Data analysis in Python [Link](#)
- Spatial Data science in python using Arc-Gis Pro via Esri [Link](#)

Experience

Sep 2020- Dec2020

Production Specialist **Devart lab**

- Planning and managing production activities based on customer job orders .
- Coordinating with supervisor to develop production plane and determine workflow requirements .
- Maintaining production documentations .
- Performing root cause analysis of production issues and provide corrective actions.

Skills

Technical Skills

- Deep Learning
- Machine Learning
- Data Science
- Data Analysis
- Computer Vision
- TensorFlow
- Image Processing
- Open CV
- AWS(Machine Learning)
- Spark
- Recommender System
- SQL
- GIS
- LiDAR
- MongoDB
- Python
- ARC GIS
- NLP
- C++
- Java

Soft Skills

- Presentation
- Communication
- Team Player
- Problem Solving

Language Skills

- Arabic-Native
- English-Fluent

Internships

Dec2021-Jan2022

- **TechnoColabs** (India)

Doing an Image Classification application for Drivers Distraction During Driving

Sep2021-Jan2020

- **Affectiva** (Egypt)

Coding and Training Object Detection and Segmentation models

Sep-Dec 2019

- **Al Amal Program** (Egypt)

3 months training for the top 40 fresh graduated geologists all over Egypt .

Aug 2018

- **Halliburton** (Egypt)

Learning Landmark software .

Extracurricular Activities

- Sessions Coordinator in Al Amal Program (Nov 2021-Present)
- Social Media Team Member in Al Amal Program (Aug 2020-Mar 2021)
- Shell NXPLORERS workshop (Nov 2019).
- Research Member in American Association for petroleum Geologist Ain Shams University (AAPG ASU) (2016-2019).

Personal Information

Date of Birth: 2nd Aug 1997. **Gender:** Male. **Nationality:** Egyptian. **Military Status:** Exempt.