

# Sayed Gomaa Aid

Helwan, Cairo  
sayedgomaa876@gmail.com  
01129281021

## Summary

Software Engineer with algorithms skills and building up on the Data Science Machine Learning track, Looking for Machine Learning hands-on opportunities to utilize and ramp up my experience.

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## Experience

### Data Analyst Internship

Emarat Al-Ard Research Centre for Sustainable Development  
03/2021 - 12/2021

As a part of the team, I gathered the data from 5 websites using Web scraping by BeautifulSoup and selenium and work on these data to measure the extent of countries' sustainable development to guide their interdisciplinary research, seminars, awareness programs, and conferences.

### Summer Training

ITIDA-NTI (Huawei HCIA-AI)  
07/2021 - 09/2021

It included Python programming, mathematics knowledge in AI, programming methods using TensorFlow, An overview of Deep Learning, and Huawei cloud EI.

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## Education

### Bachelor's Degree in Computer Engineering

Helwan University  
07/2022

- GPA : Good
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## Courses

**Machine Learning A to Z:** Online 44 Hours Course On UDEMY.

**DEEP LEARNING SPECIALIZATION (2021):** authorized by DeepLearning.AI and offered through Coursera

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization, and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks

**AI TensorFlow Developer Professional Certificate(2022):** authorized by DeepLearning.AI and offered through Coursera

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
- Convolutional Neural Networks in TensorFlow

**Data Analysis SCHOLARSHIP (2021):** authorized by Udacity

- Data Analysis Challenger
  - Data Analysis Professional Nanodegree Program
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## Core Skills

- Python, C++, C, Java
  - Machine Learning Developing (Scikit-learn)
  - Deep Learning Frameworks and libraries (TensorFlow, Keras, OpenCV, Pytorch)
  - Problem-solving
  - Database Design(SQL)
  - Web Scraping (Beautiful Soup, selenium)
  - OOP
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## Projects

- Smart glass and mobile application enable blind and visually impaired people to independently access visual information around them by building Object detection, currency recognition, and face recognition. (Graduation Project)
  - The web app is used to help out the poor and helpless people with normal medical checkups. This project is made with Flask and building models for 7 disease detections (Covid-19, Brain Tumour, Breast Cancer, Alzheimer, Diabetes, Pneumonia and Heart disease detection)
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## Languages

Arabic, English

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## Awards

Frist Place in Complete Entrepreneurial Idea Generation Camp

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## Volunteer Work

**Head of Technical Committee in Nader | 2019 - 2020**

Nader is a student activity in the faculty of engineering at Helwan university

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