

Moaz El-Essawey

Senior Chemistry Student & Data Analyst

PERSONAL DETAILS

Birth October 25, 1999
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ABOUT ME

Hi, I am **Moaz El-Essawey** student at the University of Damanhour with a Bachelor's degree in Science (B.S), Chemistry major., Learning **Data Analysis** to become a part-time freelancer, and want to combine what I learned as a data analyst and what I am learning as a chemistry student.

EDUCATION

High School, from Nasser Secondary School 2015-2018
Secured 96.6 percentage.

Bachelor Degree in Chemistry B.S 2018-2022
Secured 3.9 CGPA.

INTERNSHIPS

Winter Internship Feb'6-Feb'10
City of Scientific Research and Technological Applications
Title : Natural Product Drug Development
Supervision : Under Dr. Doaa Ghareeb,
About : In this research work, we learned how to run in vivo and in vitro assays to drugs analysis.

PROJECTS

GSA Gaussian Spectrum Analyzer Oct'20-Ongoing
Supervision: Dr. Alaa Ali
GSA is a GUI application used to visualize and create reports of the Gaussian View and Gaussian W calculations created in Python and Qt Library. GSA is my senior thesis project in the college in DAMANHOUR UNIVERSITY. all details can be found [Here](#)

Analysis of Prosper Loans Dataset Sep'1-Oct'18
Supervision: Mr. Mazen Sayed
Exploratory Data Analysis of Prosper Loans dataset and all details can be found [Here](#).

COVID-19 Tracker

2020 June-2020 Oct

Supervision : Personal Project

GUI Application created by PySide2 and disease.sh API and all details can be found [Here](#)

Hawk Eye Drone Controller

2021 May-2021 Aug

Supervision : Personal Project

Hawk Eye is a Mobile Application used to control a custom drone built on top of PIXHAWK and SITL Simulatr. and all details can be found [Here](#)

Tomato Disease Analysis & Prediction

2021 June-2021 Sep

Supervision: Personal Project

Analysis of Tomato leaves diseases including Early blight, Late blight, etc.. and with AI Model that uses TENSORFLOW and with a frontend expressed in a KIVY Application [Here](#)

PyCRA

2019 Dec-2020 Feb

Supervision: Personal Project

Python Create React App of for short PYCRA is a tool I used to create React Apps for a Flask or Django Backends [Here](#)

CERTIFICATIONS

Google Professional Data Analyst Certificate

2021 Sep-2021-Dec

[Coursera](#)

Advanced Data Analysis

2021 Aug-2021-Sep

[Udacity](#)

SKILLS

Languages

Arabic (mother tongue)
English (Intermediate)

Programming Languages

PYTHON, R PROGRAMMING, JAVASCRIPT, FORTRAN

Software

GOOGLE SHEETS, GAUSSIANVIEW-6.0, GAUSSIANW-16.0

Tools

NUMPY, PANDAS, MATPLOTLIB, SEABORN
JUPYTER, DASH, FLASK, PYQT5, MYSQL