

Moaz Mohammed El-Essawey

Senior Chemistry Student & Data Analyst

PERSONAL DETAILS

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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., Working as a data analyst as a 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 06, 2022 - Feb 10, 2022

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

Dec, 2021 - Feb, 2022

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, 2021 - Oct, 2021

Supervision: Mr. Mazen Sayed

Exploratory Data Analysis of Prosper Loans dataset and all details can be found [Here](#).

COVID-19 Tracker

Jun, 2020 - Oct, 2020

Supervision : Personal Project

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

Hawk Eye Drone Controller

May, 2021 - Aug, 2021

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

Jun, 2021 - Sep, 2021

Supervision: Personal Project

Analysis of Tomato leaves diseases using AI Model that used by Mobile App. All details can be found [Here](#)

PyCRA

Dec, 2019 - Feb, 2020

Supervision: Personal Project

Python CPYCRA is a tool used to create React Web Apps for a Flask or Django backends. All details can be found [Here](#)

CERTIFICATIONS

Google Data Analytics

Aug 30, 2021

Coursera

Advanced Data Analysis

Dec 12, 2021

Udacity

SQL for Data Science

Oct 20, 2021

Coursera

Data Analysis in Python

Dec 30, 2021

Coursera

Data Visualization in Python

Dec 29, 2021

Coursera

Coding for Everyone C and C++

Apr 05, 2022

Coursera

Business Language Program

Apr 20, 2022

Sprints

SKILLS

<i>Languages</i>	Arabic (mother tongue) English (Intermediate)
<i>Programming Languages</i>	PYTHON, R PROGRAMMING JAVASCRIPT, FORTRAN C/C++, MATLAB, GNU PLOT, HTML, CSS
<i>Software</i>	GOOGLE SHEETS, GOOGLE DOCS, GOOGLE SLIDES MICROSOFT EXCEL, MICROSOFT WORD
<i>Computational Chemistry Software</i>	GAUSSIANVIEW-6.0, GAUSSIANW-16.0, IQMOL, QCHEM
<i>Tools</i>	NUMPY, PANDAS, MATPLOTLIB, SEABORN, SCIPY, SYMPY JUPYTER, DASH, FLASK, PYQT5, MYSQL, SQLITE3, FASTAPI PYQTGRAPH, SOCKET, REACT