

SANABIL D. ALHAJBI

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ABOUT ME

As a junior data scientist with a chemistry background, I bring a unique perspective to problem-solving. With experience in data analysis, visualization, and modeling, I can bridge the gap between experimental data and analytical insights. This allows me to extract insights from complex data, including chemical data, providing meaningful conclusions that can inform scientific research and development. In future, I look forward utilizing my diverse skill set to tackle significant challenges in the field of neurochemistry through collaboration with experts in chemistry and data science, leading to new discoveries and innovative solutions.

EXPERIENCE

FEBRUARY-MARCH, 2023

DATA SCIENCE ACADEMY (INTERNSHIP), ORANGE

I gained practical experience in data science during my 360-hour internship, I developed my skills in Python libraries, data analysis, machine learning model development, and more, which will be invaluable to my future career in the field.

OCTOBER 2019 -MARCH 2022

UNIVERSITY OF JORDAN (RESEARCHER), JCO₂T LAB

I worked with the Jordanian CO₂ Team (JCO₂T) on synthesizing a sustainable biomaterial catalyst for green chemistry, which involved complexing an organic ligand with a sustainable metal precursor. Our progress on this project has been documented in a manuscript that is currently being prepared.

EDUCATION

OCTOBER 2018 -JANUARY 2022

B.SC. CHEMISTRY, UNIVERSITY OF JORDAN (UJ)

GPA 3.71 Excellent with honors

SKILLS

- Software like MS Office, MestRenova®, ChemDraw®, Zotero® and basic knowledge of Gaussian®.
- Python including scikit-learn, Pandas Matplotlib and Seaborn.
- Problem solving, Team Leader, Teamwork and Time Management.
- Data Visualization, Data Analysis and Feature Extraction.
- Effective presenter and Continuous Learner.

CERTIFICATIONS

The Web & HTML, 23hr, Udacity (online), November-December, 2022.

Introduction to Python, 21hr, Sololearn (online), December, 22-31, 2022.

Employability Skills Training Program, 10hr, Education for Employment-Jordan and U.S Embassy, American corner-UJ, May 22-31, 2022.

Data Analysis Track, 39hr, The One Million Jordanian Coders Team, Udacity (online), February-May, 2022.

Guide how to Prepare a Successful Paper-Jordan, Springer nature, AD webinars (online), November 18, 2020.

Scientific Writing, 20hr, Chemistry department UJ, September 8-11, 2019.

LANGUAGES

Arabic (Native speaker)

English (Excellent)

PROJECTS

CREDIT SCORE PREDICTION

I developed a machine learning model for predicting credit scores, integrated it into a Telegram bot, and made the prediction process more accessible to users. This project was a practical application of my skills in data analysis and machine learning.

CLIMATE CHANGE

I utilized my expertise in data analysis and cleaning to ensure the accuracy of datasets as part of a climate change project. By applying statistical methods and visualization techniques, I was able to draw insightful conclusions and make informed decisions.