

Alaa Oraby

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Professional Summary

- Analytical and detail-oriented Data Analyst with expertise in Python, SQL, and Excel, complemented by a solid background in biological sciences. Skilled in collecting, cleaning, and analyzing large datasets to uncover meaningful insights and drive data-driven decision-making. Proficient in data visualization tools like Tableau and Power BI to effectively communicate complex findings to stakeholders. Passionate about transforming raw data into actionable strategies in both scientific and business contexts.

Education

- **Cairo University | 2024 - Present**
Biotechnology Program (Pre Master's Degree)
- **University of Science and Technology in Zewail City | 2019-2023**
Biomedical Sciences Program (Molecular Cell Biology Concentration) - Bachelor's Degree

Experience

- **Digital Egypt Pioneers Initiative | May 2024 - Present**
Data Analysis Trainee
Gaining proficiency in Python, Excel, SQL, Tableau, and Power BI for data analysis and visualization.
Github: https://github.com/alaahelmyoraby/Data_Analysis-Projects
- **SHAI For AI | March 2024 - Present**
Data Science Trainee
Developed proficiency in Python programming and applied skills through hands-on experience with real-world data science projects, including data analysis, visualization, and machine learning techniques.
Github: https://github.com/alaahelmyoraby/SHAI-Study-Material-Data-Science_Machine-Learning_Deep-Learning
- **EG-ComBio | May 2024 - Present**
Bioinformatics Trainee
Developing advanced skills in computational techniques and bioinformatics tools.
 - Applying bioinformatics methods to enhance molecular biology research and data analysis.
 - Gaining proficiency in software and algorithms essential for genomic and proteomic studies.
Skills: Bash scripting, Browsing Bioinformatics repositories (GEO, GEPIA, NCBI)

Professional & Extracurricular Development

- **AI Career Essentials Trainee | alx_africa | March 2024 - April 2024**
 - Learned the essential soft skills and hard skills for AI careers, as well as mastered the current AI tools in various disciplines such as data analysis.
- **Data Science path | LinkedIn | December 2023**
Theoretical foundations of Data Science with insights from experienced professionals
Foundational statistics • Data visualization • Storytelling • Big data • AI
- **Green Six Sigma Belt Trainee | LinkedIn | January 2024**
 - Operational Excellence Foundations • Six Sigma Foundations • Lean Six Sigma project management • statistical foundations • Minitab learning • Six Sigma Black Belt.
- **Soft Skills Trainee | McKinsey & Company | June 2023 - November 2023**
 - Acquired essential practical skills for future work success, focusing on business, and digital skills.
- **Aspire Leaders Program Student | May 2023 - July 2023**
 - Engaged in virtual lectures focusing on diverse cultures, and a leadership course.

Volunteering Experience

- **Molecular Biology Content Creator | ArabYX on LinkedIn | January 2024 - Present**
 - Developing clear and accessible molecular biology content, designed by BioRender.
- **Content Writer | Behind the Universe (Simplified Science in Arabic) | December 2021 - August 2022**
 - Contributed to science communication by simplifying complex scientific concepts.
- **Graphic Designer | Zewail City Union | January 2021-May 2021**
 - Contributed as a graphic designer volunteer, applying creative expertise to enhance visual communication for the organization.

Skills

- Communication • Team Work • Project Management • Problem Solving • Troubleshooting • Presentation

Languages

- Arabic (Native)
- English (Upper Intermediate)
- German (Beginner)