Menna Tallah Whdan Mohamed

Junior Data Analyst Power BI

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Professional Experience

Logistic Coordinator, *Igenium Club, E-JUST*   10/2022 - 05/2023
- Contributed as a member of the organizing team, focusing on logistics management for club events. Coordinated with team members to ensure smooth execution of logistical tasks. Managed inventory, monitored supply levels, and facilitated timely procurement of resources. Negotiated contracts with vendors and oversaw delivery schedules to meet event requirements.

Alexandria, Egypt, Egypt

HR Team Member, *Igenium Club, E-JUST*   10/2022 - 05/2023
- Collaborated with the HR team to support various human resources functions within the club. Contributed to the onboarding process for new club members, ensuring a smooth transition and integration. Facilitated communication between club members and management regarding HR policies and procedures. Participated in organizing training sessions and workshops to enhance club members' skills and knowledge. Played a role in maintaining HR records and documentation to ensure compliance with organizational standards.

Alexandria, Egypt, Egypt

Education

Computer Science, Bioinformatics, *Egypt-Japan University of Science and Technology*   10/2021 – 06/2025
Alexandria, Egypt, Egypt

Courses

Robatics, *Smart Technology*   2003
Alexandria, Egypt, Egypt

Database Foundations Learner, Database Programming with SQL Learner,   2003
Oracle Academy-Oracle Academy Site.

Internships

Microsoft Data Analysis Power Bi, *Digital Egypt Pioneers Initiative (DEPI)*   04/2024 – 11/2024
Alexandria, Egypt, Egypt

Software Engineering, *Medical Planning Consultant*   08/2024 – 09/2024
Cairo, Egypt

Projects

OS based on AI Book Chapter: Natural AND Adaptive User Interface Section,   04/2023 – 05/2023
A Second-year college project | Operating Systems course
- **Description:** This project aimed to explore the integration of artificial intelligence (AI) techniques into the design and implementation of an operating system (OS) to create a natural and adaptive user interface. Traditional operating systems often rely on static graphical user interfaces (GUIs) that require users to interact through predefined menus and commands.
- **Tools and Technologies**: Google Schooler.

University Management System, *A Second-year college project | Software Engineering course*   12/2023 – 01/2023
- **Description:** This system aimed to develop a comprehensive University Management System to streamline various administrative tasks and enhance overall efficiency within the academic institution. The system was designed to automate processes related to student enrollment, course registration, faculty management, and academic record keeping.
- **Tools and Technologies**: Draw.io ⧉ , HTML, Css, Microsoft SQL.

NN Arabic Handwriting Recognition, *A Third-year college project | Intelligent Systems course*   12/2023 – 12/2023
- **Description**: The system employed neural network algorithms to analyze and classify input images of handwritten Arabic characters into their respective classes. Through the use of machine learning techniques, the system learned to recognize patterns and features unique to Arabic characters, enabling accurate identification and interpretation.
Tools and Technologies: Kaggle, TensorFlow, Keras, CNNs, Evaluation Metrics

Doctor's appointment booking System, *A Third-year college project | Database Systems course*   12/2023 – 01/2024
- **Description**: This system designed to streamline the process of scheduling and managing appointments between patients and healthcare providers.
- **Tools and Technologies:** GUI, MYSQL

Protein Folding Prediction System, *A Third-year college project | Seminar and Project-Based Learning Course*   11/2023 – 01/2024
- **Description**: This system visualizes and analysis protein structure based on protein sequences. Protein folding, the process by which a protein molecule assumes its three-dimensional structure, is crucial for understanding its function and interactions within biological systems.
- **Tools and Technologies:** Biopython, ESM Fold to predict and visualize protein structure.

Drug-Drug Interaction Prediction, *A Third-year college project | Genetics Course*   04/2024 – 05/2024
- **Description**: Investigated predictions of drug-drug interactions and cancer drug synergy using ensemble deep neural networks.Leveraged existing research to predict cancer drug synergies through deep learning techniques.
- **Tools and Technologies:** Biopython, Deep Learning, Machine Learning

Drug Repurposing for COVID Using Molecular Docking,
A Third-year college project | Computational Biology Course
04/2024 – 05/2024

- **Description**: Conducted molecular docking studies to identify potential repurposing candidates for COVID-19 treatment. Utilized computational biology techniques to evaluate the binding affinity of existing drugs with viral proteins, aiming to expedite therapeutic discoveries.
- **Tools and Technologies:** PyRx, Biovia, ChemDraw

Healthcare Analysis Graduation Project, *A DEPI Intern Graduation Project*
09/2024 – 10/2024

- **Description**: Delivered interactive dashboards to enhance hospital management decision-making. **Patient Dashboard**: Showcased demographics, diagnoses, blood types, and length of stay. **Financial Cost Dashboard**: Highlighted expenses and billing for optimized financial strategies. **Diagnosis & Treatment Dashboard**: Analyzed treatment trends and outcomes. **Q&A Dashboard**: Enabled real-time responses to user queries.
- **Tools and Technologies:** Microsoft Power BI, Microsoft Excel

Link: https://github.com/Menna-Tallah-Whdan77/Power-BI-Graduation-Project

Blinkit Sales Analysis Project
10/2024 – 10/2024

- **Description** Conducted a comprehensive sales analysis for Blinkit, identifying trends in revenue growth, customer behavior, and product performance. Delivered actionable insights through advanced data cleaning and interactive dashboard design and also mobile design.
- **Tools and Technologies:** Microsoft Power BI, Microsoft Excel

Link:https://github.com/Menna-Tallah-Whdan77/Blinkit-Sales-Analysis

Skills

Algorithm	Data Structure
Python	C++
HTML Coding	Microsoft PowerPoint
Microsoft SQL server	Database Programming
Oracle SQL	Protein Analysis
Canva	Biopython
R	Microsoft Word
Research Summary	PyRx
Biovia	Microsoft Power BI