

ABDELRHMAN ELDESOKY

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Education

Egypt-Japan University of Science and Technology

Oct. 2021 – Jul 2025

Bachelor of Science in Computer Science

Alexadria, Egypt

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Computer Architecture
- Data science
- Probability and statistics

Experience

El-Araby group

Aug 2023 – Sep 2023

Data scientists Intern

Cairo, Egypt

- Developed a machine learning algorithm to identify the gender of customers by name for market segmentation using python to libraries to clean and reform the data and Random Forest Tree to predict the gender.
- Validated Customer's Data to find anomalies in it using customer's Pandas and Numpy.
- Developed a business ideas using company's data using Python and SQL for transformation and validation, and used Excel in analysis and finally used Power BI to showcase my Ideas to the stakeholder.

Thaka international

Jul 2023 – Sep 2023

Game Developer Intern

Cairo, Egypt

- Developed multiple games using Unity game development Engine and using C#.
- Designed several 3D designs using Blender and integrated it with Unity.
- Collaborated with team members using version control systems such as Git and Trello to organize modifications and assign tasks.
- Used several manual testing methods to test the software and made several bug reports for any bugs found.

Projects

***Emergency Room Management System | Python, Java Script, Oracle Database, Django**

January 2021

- * Captured and documented functional requirements Ensured that the system addresses key aspects of emergency room management, including patient information, triage, and resource allocation.
- * Created DFD 0 to provide an overview of the entire system's functionality , then developed DFD 1 diagrams to detail the functional processes within the Emergency Room Management System
- * Designed a conceptual ERD to define the high-level entities and relationships in the system and extended the conceptual ERD to create a logical ERD, adding attributes and refining relationships.
- * Used Oracle to map the database to physical tables. and utilized HTML, CSS and Java Script to make my Layout of my system, and used Django for the back end

Movies investing recommendation | Python, Pandas, Power BI, Excel ,SQL

January 2024

- * Analyzed the data using Excel and SQL and also engineered new features depending on the business needs.
- * Used python and pandas to make Visual analysis on the data
- * Created a dashboard using Power BI to layout my ideas to stake holders.

Chat Bot to Chat with pdf and make questions | Python, LangChain, LLM, FAISS, Streamlit

October 2021

- * used LangChain to make prompt engineering to the Chat bot
- * Used Streamlit to make web page for my Model
- * used output parser and examples to make question about the PDF given.

Technical Skills

Languages: Python, C#, C++, R, SQL, Excel dax

Developer Tools: VS Code, Jupyter, Power BI, Unity , Excel

Technologies/Frameworks: Linux, Sklearn, GitHub, TernsorFlow, WordPress

Leadership / Extracurricular

Enactus

Spring 2022 – Spring 2022 –

Vice Head Technical

EJUST

- * Administered the Enactus system at EJUST, providing users with the ability to post content.
- * Managed and maintained the Enactus website for optimal functionality and user experience.

Benha Hackthon

Spring 2022

Team leader

EJUST

- * Lead a team of four members to make an application that helps people with Cognitive disabilities.
- * Won the Third Place on the whole country out of other 51 other teams from other universities.