

Skills

- Programming with Java, C++, Python
- oracle databases
- Data Analysis & Visualization
- Python for data science
- Machine Learning
- Statistical Analysis & Mathematics
- Use IBM Data Science Tools
- IBM Cloud
- Web Designing HTML5, CSS, Node.JS
- AI Models & Techniques

Experience

Oracle developer/ [El Alamein Flex] 2 Years, 6Months

Learned the mechanism of ERP systems, Develop Oracle 12c application forms and reports.

Education

Faculty of Computers and Artificial Intelligence, University of Sadat City

2020 - 2024

With GPA 3.3

Projects

Earthers market project

- Online market for organic foods, vegetables, and fresh fruits.
- Project includes 4 pages [home page, cart page, payment page, personal information page]
- Using MySQL Database.

رعاية الشباب جامعة مدينة السادات

- Project includes Home Page for posting news and Management module for connecting manger with the rest of the ERP system.
- Section to apply for events and competitions.
- Database established in PostgreSQL server.
- Languages used: JS, CSS, HTML5, php

Gym management system

- Java application to manage members data and provide insights for owners.
- Application created using OOP principle.
- Database established in MySQL server.
- Project was implemented for three locations after approval by the university.

Courses

Web Development

- Backend development
 - PHP, MYSQL, PostgreSQL, SQLServer.
- Udacity FWD web development
 - HTML5, CSS & Node.JS

– Projects

- Udacity website sample development.
- Many personal websites in freelance.

Programming

- Programming 1 & 2
 - Using C++
- Object oriented programming
 - Using Java
- Data Structure
 - Using C++

Data Science

- Stanford Supervised Machine learning
 - [Certificate](#)
 - Regression & Classification
 - Neural Networks, Decision Trees
 - Error analysis
 - Recommender systems, Reinforcement Learning
 - IBM Data Science Professional Certificate using IBM cloud and tools
 - [Certificate](#)
 - IBM DB2 Database, SPSS.
 - Data visualization in python and build interactive dashboard.
 - Supervised and Unsupervised Machine Learning.
 - Udacity FWD Advanced Data Analysis
 - [Certificate](#)
 - Statistics analysis & mathematics.
 - Data Visualization with Tableau.
- **Projects**
- 1. Malignant cells**
 - Using historical data about malignant cells behavior and parameters.
 - Train a machine learning model to predict the malignant cells before it's clearly appearing.
 - 2. SpaceX**
 - Analysis SpaceX data about determine the price of each launch according to launch location.
 - Gathering information about Space X and creating dashboards that provide insights.
 - Train a machine learning model and use public information to predict if SpaceX will reuse the first stage.
 - 3. Recognize Handwritten numbers**
 - Using Neural Networks from TensorFlow I have built a model to read handwritten numbers image using pixels as inputs and output the number.