

Youssef Salah Zakria El Begermey

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EDUCATION

Higher Technological Institute, 10th of Ramadan City June 2025
Bachelor of Science in Computer Science, Minor Artificial Intelligence
GPA 3.32, dean's list
Relevant Courses: Computer Architecture, Software engineer 1, Software Engineer 2, Python, Java Artificial Intelligence, Expert System, Deep Learning, Decision support systems, Database

PROJECTS

Fruit and vegetable photo classification, Personal Project Aug-Oct 2023

- Made a neural network that predicts the fruit and vegetable name with just a picture using CNN Algorithm with 86% accuracy.

Fashion MNIST, Personal Project Aug-Aug 2023

- Made a random forest model that Predict the cloth type by picture.

Data analysis Reports, BI solution July 2021-July 2023

- Generated and analyzed data reports that identified key business trends and improved decision-making processes by 30%.

EXPERIENCE

Instructor, Upgrade June 2024 - Present

- Developed and delivered engaging course content resulting in a 25% increase in class engagement and a 40% improvement in exam scores.

Data Analysis, BI solution July 2021 - July 2023

- Analyzed complex datasets using Python, SQL and Power BI leading to a 20% increase in operational efficiency and data driven decision making.

CERTIFICATIONS

Microsoft Certified: Azure Data Scientist Associate, Microsoft June 2024

- This certification proves that I have 0-1 years of experience using Azure cloud services to create and manage AI models and Data.

Machine Learning Specialization, Stanford May 2024

- This proves I created machine learning models to solve real life models and Got overview about all 3 types of machine learning from Andrew Ng.

Microsoft Power BI Data Analyst Professional Certificate, Microsoft 2024

- Certified in Microsoft Power BI Data Analysis, Proficient in transforming and cleaning data into actionable insights and Reports.

Technical Skills

Software/Tools: Microsoft Office, MATLAB, Power BI, MySQL, Microsoft SQL Server, Oracle.
Programing languages: C/C++, Java, Python, SQL.
Python libraries: TensorFlow, Sklearn, SQLite, OpenCV, Streamlit.
Soft Skills: Communication, Presentation, Team Player, Time Management, Problem-Solving.