
Yousef Khaled

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Education

MANSOURA UNIVERSITY

09/2019 - 06/2024

Graduated with a 3.95 GPA, earning Excellent with Honors distinction

Training

- **DEPI** 04/2024 - 07/2024
Gained expertise in utilizing Microsoft technologies to transform raw data from diverse pipelines into scalable and applicable data science models.
- **ITI** 07/2023 - 09/2023
 - Completed advanced training in Computer Vision, with emphasis on practical applications
 - Capstone Project: Developed a Lane Detection system for autonomous vehicles, utilizing image processing techniques to accurately determine vehicle trajectory.
- **IT Flag** 08/2021 - 10/2021
In this training, I learned:
 - Switch configuration. • Cable pulling, termination, labeling, and testing.
 - Cable management and Rack organization. • Server Administration

Projects

- **Graduation Project (A+)**
 - **Autism spectrum disorder classification** through convolutional neural networks analysis of eye tracking data with a paper published in university magazine.
 - **Eye tracker** to detect where the eyes are looking at.
- Developed machine learning-based **credit card fraud detection** system, implementing feature extraction to improve accuracy and reduce false positives, enhancing client security.
- Designed and developed a responsive **movies streaming website** using HTML, CSS, and JavaScript. Implemented dynamic content loading and interactive user interface elements.

Skills

• Power BI • Excel • Python • SQL • C++ • Git • HTML • CSS • Data Structures • Algorithms
• TensorFlow • Keras • Scikit-Learn • Numpy • Pandas • Matplotlib • Tableau

Leadership and Activities

- **IEEE Member Development Officer** 10/2022 – 10/2023
Led student group development by organizing training sessions, mentoring new members, and facilitating collaborative learning experiences to enhance their skills.
- **IEEE Volunteer** 04/2022 – 10/2022
Organized interactive workshops, mentored peers in coding and statistical analysis, and facilitated collaborative projects to enhance practical skills and conceptual understanding.