## 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

- **Machine Learning, 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.

- **Machine Learning, 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.

- **Software Engineer Intern, 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.