welcome to

Anas's portfolio

About

. Heeeeey Guys ! , My name is **Anas Nabil Ahmed Awadallah**, I am a computer science Engineering student with a passion in Artificial intellegence spcially LLMs , software and hardware , Now, I am eager to learn about mobile application and how to make it .

Skills

- Python , C++ , C , Java , CUDA , HTML , CSS
- Problem Solving
- Team collaboration and communication skills
- Machine Learning
- Deep Learning
- Computer Vision
- Natural Language Processing

Experience

- **Web Developer intern (July 2024 - Present)**

  Designed and developed responsive websites for various clients using HTML, CSS, and JavaScript.

- **Mobile application development intern at ITI (July 2025 - Present)**

  Contributed to the design and development of a mobile application, implementing core features and ensuring optimal performance.

Projects

Here are some of my projects:

1. 🖥️ **img2img Processing**

   A deep learning project implementing conditional generative adversarial networks (cGANs) to convert semantic label maps into realistic images. This project focuses on generating high-quality images from input sketches or outlines, making it useful for various applications such as image editing, semantic segmentation, and computer-aided design (CAD).

   Link of the project : **Github repositry**

2. 🔉 **SEGAN: A project focused on speech enhancement using Generative Adversarial Networks.**

   Speech Enhancement Generative Adversarial Network (SEGAN) is a deep learning model designed to improve the quality and intelligibility of noisy speech recordings.
   SEGAN uses a generative adversarial framework, where a generator learns to produce clean speech waveforms from noisy inputs, while a discriminator distinguishes between real clean speech and the generator's output.
   By training both networks adversarially, SEGAN effectively suppresses background noise and reconstructs natural-sounding speech.
   The project demonstrates the power of end-to-end waveform modeling, outperforming traditional signal processing approaches in speech enhancement tasks.

Link of the project : **Github repositry**

3. 📁 **Image Classification: A project that classifies images using Convolutional Neural Networks.**

Image classification is a computer vision task that involves automatically assigning labels to images based on their visual content.
Modern image classification systems use deep learning models, especially convolutional neural networks (CNNs), to learn patterns and features directly from raw pixel data.
These models can recognize complex objects, scenes, and textures with high accuracy.
Image classification is widely applied in areas such as medical diagnosis, autonomous driving, content moderation, and photo organization.

Link of the project : **Github repositry**

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