RONIX BHASKAR

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OBJECTIVE

Seeking an entry level position to begin my career as an Electronics And Telecommunication Engineer in a world of high technological environment.

EDUCATION

B.E in Electronics and Telecommunication, Xavier Institute Of Engineering 2020 - 2023
CGPA:7.868 pointer

Diploma in Electronics and Telecommunication Engineering , St Xavier's Technical Institute of Engineering
2017 - 2020
Percentage:84.52

Secondary School Certificate , St Xavier's High School completed in 2017
Percentage:67.40

SKILLS

Technical Skills Python,Embeded system,DBMS,IOT,Deep Learning,AI engineer,SQL and Machine learning

INTERNSHIPS

Microsoft Training associate DEC 2021 - Jan 2022
CMP infotech *Mumbai, India*

- Learn Basic concepts of Python.
- For MTA certification I have given MTA exam
- Developed a simple Gui based project known as shop management system. (Try it here)

PROJECTS

Solar Tracker using Arduino. In modern solar tracking systems, the solar panels are fixed on a structure that moves according to the position of the sun.(Try it here)

Robotic car using 8051 microcontroller. This is a simple project of a car module using 8051 microcontroller(Try it here

Elevator controller using FPGA. Designed and implemented an elevator controller using an FPGA (Field-Programmable Gate Array).Analyzed and understood the requirements of the elevator system, including the number of floors, safety regulations, and desired functionalities.Developed a high-level design for the elevator controller, considering input/output interfaces, elevator state machine, floor detection, motor control, door control, and safety features.Selected an FPGA that met the project's specifications, taking into account the required I/O pins, logic elements, memory blocks, and performance capabilities.Implemented the elevator controller using Verilog hardware description language, ensuring the desired behavior and functionality of the elevator system.(Try it here)

Face frontalization using Dlib. Face frontalization is a technique used to align and transform a face image so that it appears as if the person is facing directly towards the camera. The dlib library is a popular choice for facial analysis and recognition tasks in Python. While dlib provides various facial landmark detection functionalities, it does not have built-in support for face frontalization.(Try it here)

Face frontalization using TPGAN. face frontalization using TPGAN involves training a model that can take non-frontal face images as input and generate corresponding frontalized face images as output. This is achieved through the use of a generator network that learns to transform the non-frontal faces to a frontal pose.(Try it here)

Image toonification using gan. Toonification is the process of converting a regular image into a cartoon-like representation. Generative Adversarial Networks (GANs) can be used to achieve image toonification by training a model that can generate cartoon-style images.(Try it here)

Image restoration using gfpgan. Image restoration using GFPGAN (Guided Filter-based Progressive GAN) involves utilizing a GAN-based model to restore and enhance the quality of degraded or low-resolution images. GFPGAN combines the power of generative adversarial networks (GANs) and guided filters to achieve high-quality image restoration(Try it here)

Stable diffusion using facegan. Stable diffusion refers to a process of gradually and iteratively smoothing or blurring an image while maintaining certain important features or structures. It is commonly used in image processing and computer vision tasks for tasks such as denoising, image enhancement, and image restoration.(Try it here)

ACHIEVEMENTS

- Achievement in introduction to distributed SQL and cockrach DB
- Introduction to serverless department from aws
- certificate of achievement in semrust site audit exam
- silver medalist in open district taekowondo championship at gurukul taekowonda academy and 8th Maitree Chashak 2019
- Software Engineering Virtual Experience in JP Morgan Chase and Co.
- UGC Publication certificate of face frontalization using gans