Rohit Das

Deep Learning Engineer

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Summary

Rohit Das is a Generative AI Engineer specializing in 3D Reconstruction, Texture Generation, RAG application using Generative AI

Experience

Bifrost AI
AI Engineer (Intern)
Remote
2023/09 - 2024/02

Deployed cutting-edge models across multiple products, with a primary focus on texture generation from textual input.

Significantly optimized time efficiency, decreasing computational time from hours to mere minutes.

 https://www.bifrost.ai

CI3D- Colour Imaging 3D Lab
Junior Researcher
Taipei City, Taiwan
2022/02 - 2023/07

Topic of Research -Texture Estimation from One Shot Image

Projects

FasTEX - Fast Text to Texture Generation
Generate textures suitable for mesh inpainting

- This innovation stands out as the fastest solution in the market.
- However, it is essential to acknowledge the identified drawback related to interpolation issues.

Blender, Neural Rendering, Stable Diffusion, ControlNet

ChatPDF
Talk with your PDF

- Leveraging the Mistral 7B model, ChatPDF introduces an innovative approach to augment PDF interactivity, incorporating features such as summarization and interactive questioning.
- To address cold start issues, the project wisely stores data in a Vector Database, ensuring efficient retrieval and utilization.
- A current drawback in the code lies in its synchronous prompt processing during each iteration, hindering user interaction; an enhancement is needed to make the system asynchronous, allowing users to send multiple prompts without interruptions

RAG, LLM, ChromaDB

Education

National Taiwan Normal University
Computer Science and Information Engineering
3.8
Masters
2021- 2023

 https://www.ntnu.edu.tw/

Camellia Institute of Technology
Computer Science and Engineering
6.8
Bachelors
2014-2018

 https://camelliait.ac.in/

Skills

RAG	Stable Diffusion	Neural Rendering	LLM
Intermediate	Intermediate	Intermediate	Intermediate

Languages

English	Hindi	Chinese
Expert	Expert	Elementary