

Chris Vinson Kunnankada

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SKILLS

Languages: Python, Java, C, SQL, HTML, JS, CSS, BASH Scripting

Developer Tools: VSCode, MySQL, Git, Eclipse, Power BI, AWS, Linux, Docker

Data and Machine Learning Tools : Pandas, NumPy, Tensorflow, Scikit-Learn, PyTorch

WORK EXPERIENCE

Xceedance Consulting India. Pvt. Ltd

Bengaluru, Karnataka

Intern : Associate Programmer, Data and Modelling Products

February 2024 – June 2024

- Develop and refine scripts to generate dummy exposure data consisting of vulnerability data and risk profiling of a given number of location points extracted based on distribution entered by the user.
- Ensure efficiency of script to generate portfolio of exposure data of the magnitude of 5 to 10 GB in reasonable time frames.
- Develop front end interface to allow easier dynamic generation of exposure data portfolio from input distribution.
- Technologies and libraries used : Python, risk profiling APIs, GeoJSON, GeoPandas, Matplotlib

PROJECTS

Document Query Application using RAG (Retrieval Augmented Generation)

Aug 2024 - Sep 2024

- Developed a Document Q&A system using RAG. Users upload their document and can then query the document, which implements FAISS for similarity search and Google Gemini Model to answer questions.
- Technologies used: FAISS, Google's Gemini AI, PyPDF2, langchain, sentence-transformers, torch, reportlab, Streamlit.

Communication Platform with Enhanced Accessibility Features

Aug 2023 - May 2024

- Developed an AI enhanced communication platform with features implemented, such as real-time sign language detection, AAC board functionality and video color detection to improve accessibility for users with disabilities.
- Libraries and tools used: TensorFlow, Keras, NumPy, OpenCV. Open source model used : Google BERT

Music Generation using LSTM

Apr 2023 - Jun 2023

- Developed an LSTM deep learning model to generate original music sequences based on selected mood values.
- Libraries used : Keras Tensorflow, NumPy, Pandas, pretty_midi. Dataset used : Lakh Midi dataset

EDUCATION

New Horizon College of Engineering

Completed : 2024

Bachelor of Engineering in Artificial Intelligence and Machine Learning (AIML)

CGPA: 9.41/10

Karnataka State Pre-University Course (PUC)

Completed : 2020

Percentage: 83.83 %

Indian Certificate of Secondary Education (ICSE)

Completed : 2018

Percentage: 94 %

CERTIFICATIONS

- Introduction to Machine Learning, NPTEL
- Introduction to Cloud, IBM
- Introduction to Cyber Security, Cisco

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.

Date : 7/11/2024