B JAMIN ENOCK

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EDUCATION

B.Tech Computer Science Engineering (AI/ML)

Reva University 2020-2024

CGPA: 7.58

Pre-University PCMC

Sri Chaitanya PU College 2018-2020

Percentage: 73%

10th ICSE

St. Miras High School 2017-2018

Percentage: 68%

KEY SKILLS

Programming Languages

- Python • Java • SQL • C

Frameworks and Libraries

- Tensorflow • PyTorch • JAX • OpenCV
- NLTK • MatPlotlib • Numpy • Pandas

Tools

- Postman • Excel • NIM • Git • Azure • ImageNet

Computer Vision

- Feature Extraction • Detection • Transfer Learning
- Augmentation • Classification • VGGNet

Natural Language Processing

- TTS • STT • Normalization • Embedding
- GPT • LaMDA • Vectorization

Machine Learning and Data Science

- Model Evaluation • Hyperparameter Tuning
- Regression • Visualisation

Volunteering

- Hackathon and Coding Competition | Dec 2021
- Tech Talk | Sep 2022

SUMMARY

Enthusiastic B.Tech Computer Science graduate with a focus on Artificial Intelligence and Machine Learning. Skilled in DataScience, Machine Learning, and deploying AI/ML models and applications. Seeking a professional opportunity to contribute and advance expertise in AI/ML technologies.

PROJECTS

CineChrome | Feb 2024

- Developed a pix2pix model for colorizing black-and-white images and videos.
- Trained on 10,000 images to achieve high-quality colorization results.
- **Tech Stack**: TensorFlow, PyTorch, OpenCV, NumPy, Scikit-learn, Python, Matplotlib, CNN, PIX2PIX.

Image Matting | Dec 2023

- Built a U-Net model for isolating foreground subjects using image segmentation.
- Inspired by Apple's "Lift a Subject" feature for advanced subject extraction.
- **Tech Stack:** TensorFlow, Keras, OpenCV, NumPy, Scikit-learn, Python, Matplotlib, Jupyter, GIMP , U-Net.

Auto Code | Oct 2023

- Developed a bidirectional LLM to generate Python code from text prompts.
- Trained on Python code snippets to predict accurate and relevant outputs.
- **Tech Stack:** TensorFlow, Keras, NumPy, Scikit-learn, Pandas, Python, Jupyter , RNN, LSTM.

DeepFake with SimSwap | Dec 2022

- Integrated the pre-trained SimSwap model to build a deepfake application.
- Enabled realistic face-swapping using advanced generative deep learning techniques.
- **Tech Stack:** SimSwap, PyTorch, NumPy, OpenCV, Python, Matplotlib.

CERTIFICATIONS

- IBM Data Science - IBM
- Deep Neural Networks with PyTorch - IBM
- TensorFlow: Advanced Techniques - DeepLearning.AI
- TensorFlow Developer - DeepLearning.AI
- Deep Learning Specialization - DeepLearning.AI
- Machine Learning Specialization - Stanford University