B JAMIN ENOCK

EXECUTIVE SUMMARY

B.Tech degree in Computer Science and Engineering with a specialization in Artificial Intelligence and Machine Learning, offering expertise in **DSA, OOPS, and AI/DS**. With hands-on experience in building innovative solutions and solving complex technical challenges, I am proficient in **Python** and problem-solving, aiming to contribute to impactful projects in fast-paced environments.

KEY SKILLS

Programming Languages and Concepts

- **Python** • **Java** • **SQL** • JavaScript
- **Data Structures** • **Algorithms** • **OOPS**

Database Management

- DBMS • NOSql • Cloud Database
- **Relational Databases**

Machine Learning and Data Science

- **Regression** • **Visualization**
- Hyperparameter Tuning • Model Evaluation

Computer Vision

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

Natural Language Processing (NLP)

- TTS • SST • **Normalization**
- **Embedding** • GPT • LLMs • **Vectorization**

Frameworks and Libraries

- OpenCV • **TensorFlow** • PyTorch
- NLTK • MatPlotlib • Numpy • React Native

Tools

- Postman • Excel • Git

EDUCATION QUALIFICATIONS

B.Tech Computer Science Engineering (AIML)

Reva University, Bangalore | 2020-2024

CGPA: 7.58

Pre-University PCMC

Sri Chaitanya PU College, Bangalore | 2018-2020

Percentage: 73%

10th ICSE

ST Mira's High School, Bangalore | 2017-2018

Percentage: 68%

CONTACT

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PROJECTS

CineChrome | Feb 2024

- **Tech Stack:** TensorFlow, PyTorch, Numpy, Pandas, CNN, Pix2Pix, Sci-kit learn, OpenCV, Python
- Built a pix2pix model in TensorFlow and PyTorch to colorize black-and-white images and videos, trained on 10,000 images
- Enhances historical media by converting black-and-white content into color, benefiting film restoration, education, and digital media accessibility.

Image Matting | Dec 2023

- **Tech Stack:** TensorFlow, Keras, Numpy, U-Net, Sci-kit learn, OpenCV, Python, GIMP, Jupyter
- Built a CNN model using U-Net architecture for image segmentation, inspired by Apple's technology, and trained on 1,000 annotated images.
- Enhances image editing by separating subjects from backgrounds, reverse-engineering Apple's feature for improved photo manipulation.

Auto Code | Dec 2023

- **Tech Stack:** TensorFlow, Keras, Numpy, RNN, Sci-kit learn, LSTM, Python, Pandas, Excel
- Developed an LSTM-based NLP model to predict Python code from text context, trained on 606 Python code snippets.
- Automates Python code generation, streamlining development and enhancing programming efficiency through text-to-code prediction.

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

LEADERSHIP

- Technical Head at Reva University | 2021-2023
- Tech Talk Speaker at Reva University | 2023
- Hackathon Organizer at Reva University | 2021