B Jamin Enock

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Summary

Enthusiastic and Proficient B.Tech Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning (AIML), with a passion for technology and programming. Skilled in Data Science and Machine Learning tasks. Capable of Backend Development for deploying ML models and applications. Eager to embark on an Entry-level role to leverage expertise, contribute to impactful projects, and further enhance industry knowledge.

Technical Skills

- **Programming Language:**
  - Python, JavaScript, SQL, Java.
- **Frameworks and Libraries:**
  - TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, PyTorch, OpenCV, Plotly, Django.
- **Database:**
  - MySQL, PostgreSQL, SQLite, Firebase, MongoDB.
- **Tools:**
  - Figma, Postman, Tableau, Excel, Jupyter, DASH, Github.
- **Operating System:**
  - Linux, macOS, Windows.

Technical Concepts

- **Machine Learning and Data Science:**
  - Visualization, Analysis, Time Series, Transfer Learning, Detection, Segementation.
  - Web Scraping, Word Embedding, Vectorization, Pre-Processing, Classification.
- **Web Development:**
  - HTML, CSS, Backend Development, REST API, API Integration, UI/UX.
  - Deploypment, Templates, Database Integration.
- **Database:**
  - DBMS, ETL, Database Administration, NOSql, SQL.
- **Programming Concepts:**
  - Object-oriented programming (OOPS), Structural programming, UNIX Commands.
  - Data Structures and Algorithms, Arrays.

Education Qualification

- B.Tech Computer Science Engineering (AI/ML) from REVA University | Expected June 2024 | CGPA: 7.8.
- Pre-university PCMC from Sri Chaitanya PU College | Graduated June 2020 | Percentage: 73%.
- 10th ICSE St. Miras High School | Graduated June 2018 | Percentage: 68%.

Certifications

- IBM Data Science from IBM.

- TensorFlow: Advanced Techniques from DeepLearning.AI.
- DeepLearning.AI TensorFlow Developer from DeepLearning.AI.
- Deep Learning Specialization from DeepLearning.AI.
- Machine Learning Specialization from Stanford University.
- Python Django -The Practical Guide from Udemy.
- Programming for Everybody (Getting Started with Python) from University of Michigan.

Projects

- **Image matting | Dec 2023**

  - Developed an Image Matting project inspired by Apple's "Lift a Subject" feature.
  - Utilized image segmentation techniques and built a U-net model to isolate foreground subjects from the background.
  - **Tech Stacks:** TensorFlow, Keras, OpenCV, NumPy, Scikit-learn, Python, Matplotlib, Jupyter, GIMP.

- **Auto Code - NLP Code prediction | Oct 2023**

  - Developed an NLP project, Auto Code, to generate code based on text prompts.
  - Built a bidirectional LLM (Language Model) trained with Python code to predict code snippets.
  - **Tech Stacks:** TensorFlow, Keras, NumPy, Scikit-learn, Pandas, Python, Jupyter.

- **Human Cell Classifier | Sep 2023**

  - Created a Human Cell Classifier to classify cells in images and reports.
  - Implemented a CNN (Convolutional Neural Network) for image classification.
  - **Tech Stacks:** TensorFlow, Keras, OpenCV, Scikit-learn, NumPy, Python, Matplotlib, Jupyter.

- **Template Generator | Dec 2022**

  - Developed a Web App for generating templates by automating from user-designed base templates.
  - Integrated functionality to extract data from Excel sheets and databases.
  - **Tech Stacks:** Django, Bootstrap, HTML, CSS, Python, JavaScript, Excel, SQLite.

Leaderships and Volunteering

- **Hackathon and Coding Competition | Dec 2021**

  - Hosted and led a group for this event, which encompassed a 48-hour hackathon and a 1-day coding competition, attracting participation from nearly 400 students.

- **Tech Talk | Sep 2022**

  - Hosted a session at Reva University on trending industries and Artificial Intelligence. Collaborated with peers to engage students, fostering discussions on tech trends. Facilitated sessions to inspire coding, offering guidance on Machine Learning and Data Science.

- **Intercollege Tech Expo | Nov 2022**

  - Created three ML projects, including a Language Translator, showcased at Reva University's Tech Expo. Communicated insights to diverse audiences.