K. JORDAN STEVENSON

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Summary

I am a seasoned educator transitioning into Artificial Intelligence and Machine Learning, equipped with a Post Graduate Program in AI & ML from McCombs School of Business, University of Texas at Austin, and a master's in physics. After 17 years of teaching Physics in an IB curriculum at several International Schools, I am eager to apply my analytical skills and AI expertise to real-world projects, particularly in Computer Vision and Natural Language Processing (NLP).

SKILLS

Programming: Python, R, TensorFlow, PyTorch | **Data Analysis:** NumPy, Pandas, Matplotlib

Model Development: Machine learning & deep learning | **Cloud Platform:** AWS, Google Cloud

Big Data Language: Hadoop | **Database Language:** SQL, HiveQL | **Data Reporting Tool:** Tableau | **GAN's**

EXPERIENCE

Ebenezer International School Bangalore, Bangalore *– Head of Physics Dept.*

Currently working as head of physics dept. at Ebenezer International School Bangalore, for the past 5 years. Also worked in several international school in India and abroad over the past 17 years now looking forward to exploring the world of AI & ML

PROJECTS

- **Capstone projects:**

  Machine translation:

  Machine Translation is the automated translation of source material into another language without human intervention. The database comes fromACL2014 Ninth workshop on Statistical Machine Translation. This workshop mainly focusses on language translation between European language pairs. The idea behind the workshop is to provide the ability for two parties to communicate and exchange the ideas from different countries.

- **Automotive Surveillance:**
  The Cars dataset contains 16,185 images of 196 classes of cars. The data is split into 8,144 training images and 8,041 testing images, where each class has been split roughly in a 50-50 split. Classes are typically at the level of Make, Model, Year, e.g. 2012 Tesla Model S or 2012 BMW M3 coupe

- **Face detection**
  Company X owns a movie application and repository which caters movie streaming to millions of users who on subscription basis. Company wants to automate the process of cast and crew information in each scene from a movie such that when a user pauses on the movie and clicks on cast information button, the app will show details of the actor in the scene. Company has an in-house computer vision and multimedia experts who need to detect faces from screen shots from the movie scene.

- **Support ticket categorization:**

  Develop a Generative AI application using a Large Language Model to automate the classification and processing of support tickets. The application will aim to predict ticket categories, assign priority, suggest estimated resolution times, and store the results in a structured Data Frame.

CERTIFICATIONS or AWARDS

- Artificial Intelligence on Cloud
- The Business of AI
- Mastering Big Data Analytics (Hadoop, Hive: Big data SQL, Spark, Apache Kafka)

EDUCATION

Great Lakes Executive Learning – US Austin: Post graduate program in Artificial intelligence and Machine Learning

Deakin University – Australia: - Master's in data science(pursuing)

Osmania University – **India**: *Master's in science (Physics)*

Kakatiya university - India: *Bachelor's in Computer science (Mathematics, Physics & Comp. Science)*