Thrinath Saragada

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LinkedIn GitHub

Objective

As a highly curious and passionate individual, I am thrilled by the limitless possibilities of data science, artificial intelligence, and machine learning. I am eager to immerse myself in innovative projects that challenge my creative thinking and analytical skills. Seeking an internship opportunity where I can contribute my enthusiasm for exploration and discovery while gaining hands-on experience and expanding my knowledge in these dynamic fields.

Education

Lovely Professional University, Punjab, India *Expected Graduation: 2027*
Bachelor of Technology in Computer Science and Engineering
Specialization: Artificial Intelligence and Machine Learning

Institut Supérieur D'Électronique De Paris, Issy-les-Moulineaux, France *Semester Exchange 2024-2025*
Specialization: Artificial Intelligence and Machine Learning

Skills

Languages:	Python, Java, C, SQL, PL/SQL, R (basics)
Libraries:	Pandas, NumPy, Matplotlib
AI/ML Tools:	Natural Language Processing (NLP), Deep Learning, Neural Networks
Web Development:	HTML, CSS, JavaScript
Data Science:	Data Analysis, Data Visualization
Version Control:	Git

Projects

AI Text Detection Model *(Python, Scikit-learn, Hugging Face, NLP)*
Built a model to distinguish between human-generated and AI-generated text using supervised learning models (e.g., SVM, Neural Networks) and advanced embeddings like Word2Vec and BERT. Preprocessed text with NLTK and spaCy, and evaluated performance on Kaggle's "LLM Detect AI Generated Text" dataset.

Flight Booking and Management System *(Java, JavaFX, SQL)*
Developed a fully functional application for flight booking and management, integrating JavaFX for the user interface and SQL for robust data handling and storage.

Arduino NFC Door Lock System *(Arduino, NFC, Servo Motors, C++)*
Designed and implemented an NFC-based door lock system featuring servo motor automation for secure access, efficient card management, and accurate recognition and locking functionality.

Interests

- Robotics and automation
- Continuous learning and open-source
- Exploring AI/ML applications
- AR/VR and future technologies
