Sham **Sundar**

Machine Learning Engineer

Personal

Sham Sundar
Nationality: Indian
2005

Areas of specialization

Machine Learning • Natural Language Processing • Computer Vision • Big Data

Interests

Machine Learning / Data Science / Artificial Intelligence

Links

Mail
Github

Profile

Innovative and detail-oriented Machine Learning Engineer/Data Scientist with a strong academic background in Artificial Intelligence and Machine Learning, currently pursuing a B.Tech degree at Kongu Engineering College. Adept at developing and implementing machine learning models and algorithms to solve real-world problems. Proficient in data analysis, statistical modeling, and data visualization. Demonstrated ability to work effectively in collaborative environments, with excellent problem-solving and communication skills. Committed to continuous learning and applying cutting-edge technologies to drive impactful results.

Key Skills

- **Programming Languages:** Python, Java, C++, JavaScript
- **Machine Learning:** Supervised and Unsupervised Learning, Neural Networks, Deep Learning, Natural Language Processing
- **Data Analysis:** Data Wrangling, Statistical Analysis, Data Visualization
- **Tools and Frameworks:** TensorFlow, Keras, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn
- **Web Development:** HTML, CSS, JavaScript, React, Node.js, Express
- **Databases:** SQL, NoSQL (MongoDB)
- **Version Control:** Git, GitHub
- **Other Skills:** Problem-solving, Analytical Thinking, Communication, Team Collaboration

Education

- **B.Tech in Artificial Intelligence and Machine Learning**
  Kongu Engineering College, Erode, Tamil Nadu
  (Expected Graduation: 2026)

Projects

- **Event Manager Full Stack Application:** Developed a full stack web application for event management, allowing users to create, manage, and register for events. Utilized React for the frontend and Node.js with Express for the backend, along with MongoDB for the database.
- **Sign Language Detection System:** Developed a machine learning model for detecting and translating sign language gestures into text, achieving high accuracy. Utilized TensorFlow, OpenCV, and Keras.
- **E-commerce Product Prediction:** Developed a predictive maintenance model for industrial equipment, achieving 95 accuracy in predicting equipment failures. Utilized TensorFlow, Pandas, and Scikit-Learn.

Achievements

- **1st Prize in Paper Presentation:** Won 1st prize in a paper presentation for multiple disease prediction. Demonstrated the use of advanced machine learning techniques to predict various diseases, showcasing innovative problem-solving and analytical skills.

Extracurricular Activities

- Member of the Artificial Intelligence Club, participating in workshops, hackathons, and seminars to stay updated with the latest trends and technologies in AI and ML.
- Member of the National Service Scheme (NSS), actively involved in community service and social initiatives, demonstrating a commitment to societal development and leadership skills.

Sham Sundar linkedin.com/in/sham-sundar
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