SAIKIRAN ANUGAM

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EDUCATION

University of Houston   08/2023 – 05/2025
Master of Science in Engineering Data Science   Houston, Texas
  CGPA: 4/4

SR Engineering college   07/2019 – 05/2023
Bachelor of Technology, Computer Science Engineering   Warangal, India
  CGPA: 9.17/10

RELEVANT COURSEWORK

- Machine Learning
- Introduction to Data Science
- Database Management
- Neural Networks & Deep Learning
- Natural Language Processing.
- BigData Analysis
- Probability and Statistics
- Cloud Computing
- Web Development

ACADEMIC PROJECTS

Multi Purpose Agriculture Apparatus ⊘
Patent Application number: 202241008404
- Patented versatile agricultural machinery tailored for dryland farmers, substantially enhancing financial viability for low-income farmers.
- Leading automation initiatives using Machine Learning and IoT to optimize seed movement, interval-based dropping, and streamline labor-efficient cultivation practices, reducing manual workforce dependency.

Speech Emotion Recognition using Deep Learning Algorithms ⊘
- Led a team in the development of a web application that analyzes students' feedback by identifying their emotions using deep learning techniques from recorded speech via the portal.
- Presented research findings at ICAPSM Conference 2023, with Manuscript ID: 1401.
- Enhanced user experience and engagement through emotion analysis.

Prediction of Success for Currently Operating Startups Using ML ⊘
- Developed and contributed to a research effort to estimate startup success using machine learning, which allowed investors to reduce risk and maximize profits.
- Implemented the application at SR Engineering College, where it was used to predict the success rate of startups.
- Our research paper received acceptance at the ICAPSM Conference 2023 under Manuscript ID: 1399.

Detection of Authentic news using Natural Langauge Processing Approaches ⊘
- Research findings improve user experience through a user-friendly interface, making it easy to verify the reliability of news articles.
- Developed a web application that takes images and text as input and predicts whether the news is true or not.

EXPERIENCE

Technical Content Creator Intern   03/2021 – 06/2022
Secernate Games Private Limited ⊘
- As an intern, contributed to the creation of technical content, resulting in an increase in user engagement and improvement in understanding how organizations operate. Acquired valuable leadership skills in team management.
- Conducted comprehensive research in Machine Learning and web development, resulting in the production of high-quality articles, ensuring content accuracy and relevance.
- Collaborated closely with subject matter experts, developers, and designers on cross-functional projects, resulting in the successful implementation of interactive learning modules that fostered collaborative problem-solving and facilitated real-time assignments among students, leading to a measurable enhancement of my skill set through practical application.

Data science Intern
Bharat Intern ⊘
- Engaged in hands-on projects during the internship, enhancing expertise in diverse aspects of data preprocessing.
- Successfully addressed challenges related to real-life imbalanced data and biases.
- Implemented advanced data handling techniques for effective analysis.
- Executed data visualizations to extract meaningful insights in project settings.
- Leveraged the internship to network with industry experts and contribute to idea exchange.

SKILLS

Technical skills: Python, AI&ML, NNDL, NLP, HTML, CSS, Javascript, C, Core Java, MySQL, R,Tableau(learning).
Certifications: Azure AI Fundamentals, AWS Architect Virtual Experience, Developer Virtual Experience, JavaScript Essentials from Cisco, Machine learning, SQL, Java Fundamentals & Foundations from Oracle

ACTIVITIES

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Member of Cougar-AI at the University of Houston.
- Student Branch Secretary at IEEE SRU Branch, developing leadership and volunteer management skills.
- As the Head of the Coding Club mentored iScholar juniors, enhancing collaboration and hands-on experience.