

Rishikesh Giridhar

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Education

Trinity International School

May 2007 – Mar 2019

I.G.C.S.E A-Level

Pace Jr. Sci. College

April 2019 – April 2021

H.S.C

K.J Somaiya Institute of Technology

Dec 2021 – May 2025

Bachelor of Technology in Artificial Intelligence and Data Science

Relevant Coursework: Machine Learning, Data Structures, Algorithms, Artificial Intelligence, Statistics

CGPA: 8.5 / 10

Publications

Towards Mitigating Misinformation: A Structured Dataset of Fact-Checked Claims from News Media, IEEE, 2024

Misinformation online is a serious threat, rapidly influencing public opinion and decisions. To combat this, researchers created the "Factrix" dataset by collecting and labeling news from fact-checking websites, aiming to train AI models to identify false information in text and potentially images, while also tracking misinformation trends over several years.

AI in Healthcare and Biotechnology: Transforming Industries through Innovation, TACCI, 2023

The integration of artificial intelligence (AI) with biotechnology is revolutionizing healthcare and life sciences by driving advancements in areas like biomedical ontologies, natural language processing, and machine learning. This AI-biotech fusion is transforming healthcare through improved disease detection, treatment, and patient care, while contributing to global Sustainable Development Goals.

Research Experience

Research Intern, *Society for Data Science*

May 2023 – May 2025

- Conducted research on the diffusion of Misinformation across various platforms.
- Created a Dataset Factrix through the process of scraping various news sites such as IndiaToday, ANI etc to help train models
- Performed a Trend Analysis on the spread of fake news through methods such as Topic Modelling
- Co-authored a paper on the Factrix Dataset and the analysis of diffusion of Misinformation.

Skills

Programming Languages: Python, R, C++, Rust

Frameworks: TensorFlow, PyTorch, Scikit-learn, Numpy, pandas

Generative AI Frameworks: Groq, OpenRouter, OpenAI

Tools: Git, Docker, Jupyter, Ollama

Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Conflict Resolution

Projects

OSFM - Net

github.com/RishiSpace/osfm

- Developed a tool that system administrators can use to remotely monitor and control multiple systems in a lab.
- Allows the admins to :
 1. Remotely Install and Uninstall Programs
 2. Remotely control multiple systems (using RDP)
 3. Mass-execute custom PowerShell Commands at the Admin's Discretion
 4. Provides the ability to automatically scan and fix Corrupted OS System files

FastWrite

github.com/R-G-KJSIT/FastWrite

- Developed a python module that allows seamless documentation of entire code repositories for developers
- This tool allows Developers to:
 1. Process Code Files: Extract and list Python files from a ZIP archive
 2. Generate Data Flow Diagrams: Create a data flow chart (in Graphviz format) by analyzing Python code using the AST module
 3. Generate Documentation: Produce detailed documentation for Python code using multiple AI models
 4. Evaluate Documentation Quality: Compute BLEU scores to compare generated documentation against a reference document

Certifications

C++ Fundamentals , Coursera	Completed Mar 2022
R Programming , Coursera	Completed Mar 2024
Azure Certification	Completed Jun 2022
Accenture Developer Program , Accenture	Completed May 2023
Generative AI Professional , Oracle	Completed Jul 2024
Microsoft Active Directory , Udemy	Completed May 2023

Extracurricular Activities

Technical Lead, Society for Data Science, K.J Somaiya Institute of Technology Jul 2024 – May 2025

- Organized workshops and seminars on Machine Learning topics.
- Organized KnowCode 2.0, a Hackathon hosted by Society for Data Science with the theme of sustainability.