

SPOORTHI VEERESH KUMAR

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|datascienceportfol.io/spoorthiv20 |Chicago(Open to Relocate)

Education

University of Wisconsin Madison

August 2023 – May 2025

Master of Science in Information (Data Analysis)STEM

United States

Visvesvaraya Technological University

August 2019 – May 2023

Bachelor of Science in Computer Science and Engineering

Karnataka, India

Relevant Coursework: Data Structures, Artificial intelligence/Machine learning, Relational Database

Management Systems, Big Data Analytics.

Technical Skills

Programming Language: Python, R, SQL

Data Visualization Tools: Tableau, Excel(Pivot Tables, Macros), Matplotlib

Frameworks and Libraries: Numpy, Pandas, Pyspark, Pytorch, Keras, GitHub

Data Science Techniques: Data Mining, Data Modeling, NLP, Machine Learning, Predictive Analytics

Experience

UW - International Academic Program

July 2024 – Present

IAP Data Analyst Support

Madison, WI

- Designed comprehensive Tableau dashboards with custom calculated fields, parameters, and interactive filters to visualize student mobility patterns and program performance metrics
- Created automated reporting solutions that reduced manual reporting time by 23%, enabling data-driven decision-making across 18+ departments
- Collaborated with stakeholders to interpret complex datasets and communicate actionable insights that improved program participation metrics by 12%

Interviewer.Ai

Jan 2024 – Present

Data Scientist

Remote

- Designed and deployed machine learning models achieving 81% accuracy in image classification using ResNet-50 on a dataset of 50,000 images, improving previous model performance by 13%.
- Conducted DPIA fairness assessments across protected attributes (race, gender, age), achieving above 0.85 demographic parity and ensuring GDPR compliance.
- Analyzed hiring trends across 5 regions, processing 20,000+ applications to identify 23% variance in hire rates, leading to improved remote hiring policies.

University of Wisconsin Madison

Nov 2023 – May 2024

Research Assistant

Remote

- Developed an evaluation framework for assessing ChatGPT's clustering capabilities in educational contexts, achieving a 9% improvement in label specificity across 500+ document clusters
- Created interactive visualizations of research findings that were incorporated into departmental presentations and grant applications

Addicor Technologies

Jan 2023 – June 2023

Data Science Intern

Remote

- Developed complex SQL queries for performance tracking, improving financial reporting efficiency by 19% and serving 7+ stakeholder departments.
- Conducted data validation and cleaning to ensure data integrity, reducing reporting errors by 20%.

ISans Technologies

Sep 2022 - Feb 2023

AWS Cloud Intern

Bangalore

- Designed and implemented a CI/CD pipeline using Jenkins, reducing deployment time by 10%, with a focus on cloud environments.

Projects

International Student Service (ISS) Analysis Dashboard | Python, Tableau, SQL, Predictive Analytics

- Analyzed 5+ years of international student data from UW-Madison to identify enrollment trends and visa processing patterns.
- Created interactive Tableau dashboards visualizing key metrics including processing times, student demographics, and departmental distribution.
- Implemented data pipeline automation that reduced manual processing time by 25%, enabling more frequent data updates

Market Sentiment Analysis - Crypto Sector | ML Techniques, Python, Time Series

- Analyzed the correlation between crypto market trends and macroeconomic indicators using regression analysis.
- Built and deployed a LSTM model to predict price movements for BTC/ETH pairs, achieving 67% accuracy.
- Conducted exploratory data analysis and implemented predictive models to capture market sentiment over time.