

# 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

**Financial Analysis & Modeling :** Financial Statement Analysis, DCF Modeling, Ratio Analysis, Portfolio Optimization

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

**Risk & Investment Analysis:** Monte Carlo Simulations, Options Pricing, Time Series Forecasting

**Cloud Platforms:** AWS

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

## Projects

### Value Investing Performance Study | *Python, Financial Modeling, ML*

Jan 2025

- Built comprehensive DCF and comparable company analysis models, integrating Graham's value criteria ( $P/E < 15$ ,  $P/B < 1.5$ ) to screen 5000+ stocks.
- Compared traditional fundamental analysis against ML predictions across market cycles, proving value metrics outperformed by 8.5% on risk-adjusted basis

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

- Analyzed correlation between crypto market trends and macroeconomic indicators using regression analysis and statistical modeling
- Built and deployed an ML model using LSTM networks to predict crypto price movements with 67% accuracy on BTC/ETH pairs

## Experience

### Interviewer.Ai

Jan 2024 – Present

*Data Scientist*

*Remote*

- Designed and deployed machine learning models for structured and unstructured data, achieving an 89% accuracy in image classification tasks.
- Implemented sentiment analysis tools using NLP frameworks, enhancing candidate evaluation.
- Created data-driven Visualizations to support strategic business decisions, influencing 3+ key initiatives.

### UW - International Academic Program

July 2024 – Present

*IAP Data Analyst Support*

*Madison, WI*

- Validated and analyzed large datasets, improving data-driven decision-making and optimizing participation metrics by 12%.
- Built Excel and Tableau dashboards to track employee engagement and turnover trends, supporting 15+ departmental reports.

### University of Wisconsin Madison

Nov 2023 – May 2024

*Research Assistant*

*Remote*

- Developed an evaluation framework for assessing ChatGPT's clustering capabilities, achieving a 15% improvement in label specificity across 500+ document clusters for bibliometric analysis.

### Addicor Technologies

Jan 2023 – June 2023

*Data Analyst Intern*

*Remote*

- Identified, analyzed, and interpreted trends or patterns in data sets to support strategic initiatives.
- Developed SQL queries and dashboards to track key performance metrics, improving financial and operational reporting efficiency.
- Conducted data validation and cleaning to ensure data integrity, reducing reporting errors by 25%

### 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.
- Applied Agile methodologies to streamline workflows, enhancing project delivery and overall efficiency.