

Rishi Heggawadi

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EDUCATION

Binghamton University

Bachelor of Science in Financial Economics, Minor in Data Science

Vestal, NY

May 2025

RELEVANT COURSEWORK

- Intro to Econometrics
- Financial Data Analytics
- Database Fundamentals
- Linear Algebra
- Intro to Deep Learning
- Data Analysis in Economics

EXPERIENCE

Data Engineer and Analyst Intern

CRE Streamline Inc.

Dec. 2024 - Present

Houston, TX (Remote)

- Developed ETL pipelines using Python and SQL, improving data processing efficiency by 30%
- Mapped and integrated raw data into existing MySQL databases, ensuring alignment with established schema
- Developed interactive Tableau dashboards to visualize property trends, aiding Brokerage Division decisions
- Streamlined research and Valuation team operations through process automation in Python

Research Assistant

DReaM Lab at Binghamton University

Aug. 2024 - Present

Vestal, NY

- Performed data analysis on 100,000+ data points in Python, supporting research on naturalistic decision-making
- Manage and maintain databases to ensure data integrity and accessibility for cross-functional research teams

Undergraduate Teaching Assistant

Binghamton Codes! at Binghamton University

Aug. 2023 – Present

Vestal, NY

- Served as a Teaching Assistant for HARP 150 (Intro to Coding) and HARP 151 (Coding in Action)
- Managed and graded 200+ assignments with detailed feedback, ensuring a consistent learning experience
- Led weekly coding workshops and office hours, improving student comprehension and engagement
- Mentored 60+ students in web scraping, API integration, web development, and machine learning, guiding them through personal project development

Data Science Intern

Nao Medical

June 2021 – Aug. 2021

Williston Park, NY

- Developed Tableau dashboards to track KPIs, boosting data-driven decisions and increasing user retention by 10%
- Analyzed patient engagement trends, providing insights that increased patient satisfaction scores by 15%
- Designed and optimized wireframes in Figma, improving user experience across 10+ locations in New York State

PROJECTS

NYC Death Data Analysis | *R, Data Visualization, ggplot2, dplyr*

- Utilized Pandas and dplyr to clean and normalize 1000+ NYC death records, identifying and visualizing mortality trends by ethnicity, gender and other demographic factors
- Developed a linear regression model to predict death rates, achieving a Multiple R^2 of 0.84 and a p-value <0.05 , demonstrating strong predictive accuracy and statistical significance

Handwritten Equation Solver | *Deep Learning, Computer Vision, PyTorch, tkinter, Pillow*

- Trained a Convolutional Neural Network (CNN) on datasets containing handwritten digits and operators to classify and parse mathematical expressions, achieving an error rate of 0.0019
- Developed an interactive User Interface to capture handwritten equations, process predictions, and render computed results in real-time

TECHNICAL SKILLS, INTERESTS, EXTRACURRICULARS

Coding Skills: Python(Pandas, Numpy, Matplotlib, Seaborn, sklearn, Pytorch), R (dplyr, ggplot2), Webscraping, Machine Learning, APIs, Databases(MySQL, postgresql), SQL, HTML/CSS, C++

Organizations: Alpha Kappa Psi Professional Co-Ed Business Fraternity, HACKBU, Bing Bouldering & Climbing

Academic Interests: Data Science, AI, Linear Algebra, Nutritional Neuroscience, Decision Making, Philosophy

Personal Interests: Gaming, NBA, Exercise, Fishing, Reading