Rishi Heggawadi

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EDUCATION

Binghamton University — Vestal, NY
Bachelor of Science in Financial Economics, Minor in Data Science — *Jan. 2021 - May 2025*

RELEVANT COURSEWORK

- Data Analysis in Economics
- Database Fundamentals
- Linear Algebra
- Game Theory
- Deep Learning
- Financial Management

EXPERIENCE

Data Engineer and Analyst Intern — Dec. 2024 - Present
Stealth Startup - Property Tech — *Houston, TX (Remote)*
- Streamlined research and valuation team operations through process automation in Python
- Manage and clean complex datasets, ensuring accurate data for analysis

Research Assistant — Aug. 2024 - Present
DReaM Lab at Binghamton University — *Vestal, NY*
- Perform data transformation and analysis with Python, supporting research on naturalistic decision-making
- Manage and maintain databases to ensure data integrity and accessibility for ongoing research

Undergraduate Course Assistant — Aug. 2023 – Present
Binghamton Codes! at Binghamton University — *Vestal, NY*
- Serve as an Undergraduate Course Assistant for HARP 150 (Intro to Coding) and HARP 151 (Coding in Action)
- Leverage experience in Web scraping, Web development, APIs and Machine Learning to instruct 60+ students in the creation of their own personal projects
- Facilitate student learning through weekly office hours and ensured timely, accurate grading of assignments

Product Management Intern — June 2021 – Aug. 2021
Nao Medical — *Williston Park, NY*
- Designed comprehensive wireframes using Figma, implemented across 10+ strategic locations in New York State
- Utilized Tableau to track KPIs, informing strategic decisions that increased user retention by 10%

PROJECTS

Computational Analysis of Choice Dilemma | *LLM, Sentiment Analysis, pandas*
- Leveraged large language models (LLMs) to extract and analyze hundreds of choice attributes from 6,000+ textual descriptions of real-life choice dilemmas
- Utilized cosine similarity to measure semantic relationships between attributes, showcasing how LLM-based structure extraction can uncover insights into human behavior

Blackout Poetry Generator | *Python, NLP, Tkinter, APIs*
- Developed a blackout poetry generator using Natural Language Processing, Tkinter and the MediaWiki API to extract relevant text from Wikipedia articles based on user input

TECHNICAL SKILLS, INTERESTS, EXTRACURRICULARS

Coding Skills: Python(Pandas, Numpy, PyTorch, fast.ai), R (dplyr, ggplot2), Webscraping (BeautifulSoup4, Selenium), Machine Learning, APIs, Databases(postgresql), SQL, HTML/CSS
Tools: Github, Jupyter Notebook, R Studio, VS Code, Excel, Tableau, MS Word, PowerPoint
Organizations: Alpha Kappa Psi Professional Co-Ed Business Fraternity, BU Data Science & Analytics Association, HACKBU, Binghamton Bouldering & Climbing
Academic Interests: Data Science, AI, Linear Algebra, Nutritional Neuroscience, Decision Making, Philosophy
Personal Interests: Filmmaking, Cooking, Exercise, Fishing, and Reading