

Vraj Shah

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Agricultural & Consumer Economics, Minor in Business

Champaign, Illinois

Aug. 2022 – May 2025

- **Relevant Coursework:** Corporate Finance, Fintech & Financial Planning, Public Finance, Commodity Futures & Options; Accountancy I & II, Risk Management & Insurance; Consumer Psychology, Behavioral Economics, Consumer Economics

Vienna University of Economics and Business

Business and Economics Program, UIUC Study Abroad Program

Vienna, Austria

Sep. 2023 – Jan. 2024

- **Relevant Coursework:** International Energy Strategies, Sustainable Business & Economics

PROFESSIONAL EXPERIENCE

Extern

New York, New York

Business Intelligence Extern

July 2026 – Present

- Designing analytics database in SQLite with E-Commerce data sources– 6 Excel datasheets, 10,000+ rows–, connecting \$37k Meta Ad Spend and Shopify customer journey metrics to \$62k in revenue to turn into a clear recommendation for Q4 budget.
- Building HTML/ Chart.js “Holiday Game Plan” dashboard with reorder and ad spend presentation for CEO Shari Spiro.

FP&A Extern

June 2026 – July 2026

- Analyzed four years of audited financials for a mid-sized private IT services company, calculating operating and profitability ratios, and tracked major equity, debt restructuring and cash flow decisions using Excel and Claude.
- Delivered a 2-page FP&A memo to executive leadership with targeted action plans (Q1 2027) which included a customer concentration and retention analysis, a cost structure and operating leverage diagnosis, and a working capital cycle analysis (DSO, DIO, DPO, CCC) benchmarked against IT peers.
- Built driver-based financial projections (FY2026–2030) for AV division utilizing Antigravity co-pilot; pressure-tested assumptions across workforce planning, margin sensitivity, cost overrun, and working capital scenarios, integrating insights into DCF valuation with WACC, sensitivity grid, and comparables cross-check.
- Presented 4-page AV Strategic Recommendation synthesizing the analysis, projections, and valuation to executive audience.

University of Illinois at Urbana-Champaign

Champaign, Illinois

Research Associate, The Steel Lab

May 2026 – Present

- Applying Python-based deep learning and statistical modeling techniques (PyTorch, regression, PCA) to process and analyze large-scale, high-dimensional datasets.
- Conducting quantitative validation of model-brain alignment results, applying statistical methods to assess reproducibility of published findings against independent data.

Research Associate, Learning and Language Lab

June 2025 – February 2026

- Conducted quantitative research under faculty supervision, applying statistical analysis and CSV data management techniques to behavioral datasets using Python (Pandas, NumPy, Matplotlib).
- Independently scoped, designed and delivered Python application for behavioral experiment purpose, building a working GUI using object-oriented programming in Kivy.
- Designed and presented a research proposal analyzing AI model behavior, synthesizing technical literature, communicating methodologies and experimental design to PI.

Amerigo Education

Chicago, Illinois

Campus Operations Assistant

October 2025 – June 2026

- On-call Assistant for Chicago North Shore Campus of 16 international exchange students; coordinated food & travel logistics and tracked real-time confidential client data through Reach platform.

Eaton Corporation

Vienna, Austria

Project Management Intern

Sep. 2023 – Jan. 2024

- Authored company-wide newsletter distributed detailing Data Center project win in collaboration with Product Management team within Eaton’s Electrical Systems & Solutions (ESS) global network.
- Researched + presented on renewable energy integration solutions and powerline distribution technologies under product management & engineering leadership, assessing emerging energy infrastructure strategies.
- Recorded minutes in cross-functional strategic meetings and product presentations with multinational clients (Hungary, Dubai, Nigeria), supported project alignment using Agile/ SCRUM framework.

SKILLS, CERTIFICATIONS & ACTIVITIES

Technical Skills: SQL (MySQL, SQLite); Microsoft (Excel, PowerPoint, Word, Access); Python, R, Stata

Certifications & Training: Data Analysis with Python & Intro to AI (IBM)

Activities: Amateur Boxer (2x Silver Medalist, USIBA Conference), Illini Boxing Club Assistant Coach