

Vaibhav Rangan

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EDUCATION

Northwestern University

Data Science, Mathematical Methods in the Social Sciences, Mathematics

Expected June 2026

Evanston, IL

- **GPA:** 3.90/4.00 | **Dean's List:** 3/3 | **SAT:** 1570/1600
- **Relevant Coursework:** Probability and Statistics, Econometrics, Data Science with Python, Machine Learning, Mathematical Social Science, Discrete Math, Honors Linear Algebra, Honors Multivariable Calculus, Intro to Python and R, Microeconomics

PROFESSIONAL EXPERIENCE

Stealth Startup

Head of Product

Sept 2023 – Present

Palo Alto, CA

- Building AI SaaS platform seeking to relieve doctors of burdensome administrative processes
- Lead teams of data engineers to synthesize healthcare data and leverage LLMs to make data work for doctors.

Glean

Legal Intern

June 2024 – Sep 2024

Palo Alto, CA

- Edited and negotiated **60+** MSA/POC contracts, helping close deals totalling **\$8M+ ARR**.
- Drafted 5 page addendum to Master Service Agreements detailing Glean's compliance with the EU AI Act. Collaborated with Backend Features, Security, and Intelligence teams to reconfigure data flow pipeline to comply with traceability requirements
- Conducted **8** inventor meetings, liaised with engineering management to determine whether to file patents, and drafted invention disclosure forms for pipeline inventions.

Next Haven Group

Private Equity Analyst Intern

Feb 2024 – May 2024

Chicago, IL

- Leveraged **Graata** to source **100+** companies weekly aligned with search fund investment criteria (growth, margins, scalability)
- Used **PyTorch** to train **Gradient Boosting** model to classify companies as targets based on variables of market share, revenue, employee count, and founder tenure. Evaluated **10,000+** potential target companies for acquisition.

ACTIVITIES

Institute for Student Business Education

Project Manager

Sept 2023 – Present

Evanston, IL

- Used **Pyppeteer** to scrape salary data by job title from Indeed to analyze geographical and title-based discrepancies in compensation. Presented a compensation plan to align salaries with industry standards to client executive team
- Led multiple teams to devise market entry strategy for SaaS HR AI startup by analyzing industry trends, market saturation, and purchasing factors of client firms. Planned workflow and optimized task scheduling to determine broader market demand for AI HR tech by interviewing 3 potential clients and identifying 12 competitors
- Forecasted \$1.8M revenue increase pursuant to 23% increase in size of dataset and presented recommendations to CEO

Public Forum Debate

National Circuit Debater

Aug 2019 - June 2023

San Jose, CA

- Conducted literature reviews and market/historical research to craft 5-page cases on both sides of geopolitical and economic topics
- Ranked 2nd nationally in Public Forum Debate by the National Debate Coaches Association (NDCA) out of over 5,000 partnerships in the 2020-21 season (sophomore year), becoming the youngest team ranked in the top 10

PROJECTS

Prelude Planner | MongoDB, Node.js, Socket.IO, Express, React Native, JavaScript, Figma

June 2024 – Present

- * Spearheaded development of a mobile studio assistant app for Northwestern's Bienen School of Music with a cross-functional team to enhance scheduling efficiency by 44% with greedy graph coloring and enable efficient storage of lesson materials with MongoDB
- * Administered real-time scheduling updates using Socket.IO, optimized a robust backend for scalability with Node.js and Express, and ensured seamless and reliable communication with notification functionality, user authentication, and data validation

ADDITIONAL

Awards: Akuna Virtual Quant Trading Challenge, NSDA Academic All-American (top 2% of debaters), Ranked 2nd Nationally in Public Forum Debate, International Qualifier (DECA), President's Volunteer Service Award (Silver)

Programming Languages: Python, R, Java, JavaScript, Latex

Frameworks/Libraries: React, React Native, Node.js, Socket.IO, NumPy, Pandas, PyTorch, Pyppeteer

Organizations: Alpha Kappa Psi Business Fraternity, Sports Analytics, Undergraduate Math Society