Qinuo Yang (She/Her)

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Education

University of California, Berkeley **Sep. 2024 - May. 2025**

Master of Computational Social Science; GPA: 3.92 Berkeley, CA
Relevant Courses: Advanced Computing (Python), Applied Statistics (R), Data Ethics and Society

University of Chinese Academy of Social Sciences **Sep. 2020 - Jul. 2024**

Bachelor of Economics; GPA: 3.95 Beijing, China
Data Science Concentration (Minor Equivalent): Completed 15 related courses (40+ credits); GPA 4.00
Relevant Courses: Machine Learning, Deep Learning, Web Scraping, Data Analysis, Statistics, Linear Algebra

Skills

- **Programming**: Python (Pandas, Numpy, TensorFlow, PyTorch), STATA, R, Matlab, HTML, CSS
- **Data Analysis**: SQL, Advanced Excel, Tableau, Power BI, SAS, SPSS
- **Languages**: Mandarin (Native)
- **Other Skills**: Github, LaTeX, Microsoft Office

Work Experience

Trek Health **May. 2025 - Present**
Data Scientist Intern **San Jose, CA**

- Built a full-stack **LLM-powered policy metadata pipeline** to support one of Trek Healths AI products that enhances healthcare payers' contract strategy and fuels personalized policy marketing campaigns through automated subscription workflows.
- Designed an end-to-end workflow integrating **AWS Ubuntu-based web scraping**, GPT-4o prompt engineering with a structured JSON schema to extract metadata from healthcare policy documents, and Snowflake to store and update client-targeting data in real time as new policies are released.
- Engineered SQL workflows in Snowflake to ingest and clean LLM-extracted policy metadata, join it with client preference tables based on specialty, region, and policy type, and generate dynamic views to support personalized policy notifications and outreach.

JellyJelly **Mar. 2025 - Jun. 2025**
Data Scientist Intern **Remote | New York, NY**

- Designed and implemented a **video recommendation system** using SQL on Supabase, ranking 10,000+ videos based on likes, tips, comments, and recency to boost user engagement.
- Integrated Gemini AI model via Vertex AI for automated video tagging, led prompt engineering and backend integration to support real-time personalization.
- Collaborated with the engineering team to design ETL pipelines and streamline backend workflows, aligning data ingestion and transformation with product requirements.

Mercer Consulting **Sep. 2023 - Aug. 2024**
Consultant Intern **Beijing, China**

- Led data analysis for the **2023 Automotive HR Benchmarking Project**, covering 800+ dealerships across China; identified compensation trends and workforce inefficiencies.
- Processed 70,000+ employee records using **MySQL**, optimizing query performance and standardizing compensation benchmarks for internal models.
- Built interactive dashboards in **Tableau and Excel**, enabling real-time insights into salary distribution, job-level segmentation, and retention risks.
- Delivered customized, executive-facing reports and recurring reporting dashboards, translating complex data into actionable HR strategies aligned with market dynamics.

Research Experience

Law School, UC Berkeley **Jan. 2025 - May. 2025**
Data Analyst **Berkeley, CA**

- Led an event-study analysis on 2000+ trademark rebranding events using USPTO filings, CRSP stock data, and hand-labeled company records.
- Automated data collection and preprocessing with Python (web scraping, Pandas, NumPy); built reusable pipelines for stock return matching.
- Identified that while short-term stock reactions to rebranding are mildly positive (+2%), long-term performance declines by over 20%, indicating strategic risks.