

Tianyu "Lucas" Zhang

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EDUCATION

University of California, Los Angeles

Sept 2024 – June 2028

B.S. in Statistics & Data Science | Business Economics

- Relevant coursework: Machine Learning, Probability Theory, Statistical Modeling, Linear Algebra, Data/Regression Analysis

EXPERIENCE

Kaizenvest | Private Equity Intern

Apr 2026 – Present

- Supported end-to-end deal execution for a \$250M+ proposed acquisition by conducting company evaluation, financial modeling(DCF), projection validation, investment thesis development, market sizing, and competitive analysis across 20+ markets
- Managed portfolio value creation initiatives and supported portfolio company's M&A exit process by developing sections of a 50+ page Information Memorandum (IM), evaluating fundraising strategies, analyzing 15+ competitors, and assisting buyer discussions in exit
- Led investment sourcing initiatives by leveraging proprietary databases to screen 800+ impact organizations for potential investment opportunities, engaging founders, evaluating financial performances and SDG metrics for 20+ targets, presenting prospects to executives

Kearney | Associate Consultant Intern – AI-focused

June 2026 – Present

- Developed built-in AI agents using **APIs** and **Python** and deploy automation systems in business to improve collaboration and efficiencies, deploying 5+ AI systems to different clients that improve their user experiences and collaboration with AI
- Conducted interviews with client executives to understand their business needs and development plans, quantified growth opportunities, and identified key investment risks for clients
- Developed 50+ executive ready deliverables including interview summaries, agentic improvement, and strategic recommendation decks by visualizing market data and company financials and synthesizing qualitative insights to support investment decision-making

UCLA DevX | Data and Business Analyst

Sept 2025 – Present

- Leveraged **SQL** and **Python**(pandas) to collect, clean and analyze user engagement and social media performance data across 200+ TikTok and Instagram posts, identifying audience trends, high-performing content, and growth opportunities
- Built interactive **Tableau** dashboards to visualize marketing KPIs, campaign performance, and user behavior, developed new market strategies base on the data, improving views by 10,000 across all social media platforms
- Converted quantitative analysis into 10+ business recommendations by identifying user preferences and growth patterns, collaborating with founders and developers to improve app features, refine product positioning, and support user acquisition initiatives

JPMorganChase | Finance Analyst Intern

June – Sept 2025

- Developed automated business performance dashboards using **Python** and AI tools to track 10+ operational KPIs across internal initiatives, improving real-time visibility into project progress, resource allocation, and financial performance for business managers
- Conducted operational efficiency analysis by evaluating financial planning workflows and performance datasets, leveraging **Excel** modeling and **R**-based data visualization to identify process inefficiencies and recommend strategies reducing time by 10+ hours
- Developed quantitative analysis into business action insights, financial reports, and **PowerPoint** presentations for project leaders and senior VPs, supporting initiatives targeting 10% operational cost optimization combining AI efforts

PROJECTS

Finance Data Standardization AI | Finance Project | Python, LLM, API, Streamlit

- Designed a Python + LLM workflow consolidating different spending sources into one standardized schema, automating streamline financial reporting process and eliminating manual process
- Standardized more than 300 transactions across all sources in a single automated run with a self-learning system to reduce future review

Hospital Readmission AI Fairness Audit | ML Project | Python, Scikit-learn, Fairlearn, EDA, Data Visualization

- Developed and audited machine learning models on 101K+ hospital records to predict 30-day patient readmissions and evaluate the algorithmic bias across different demographics using confusion metrics and Fairlearn
- Conducted healthcare AI fairness analysis on real-world clinical data, identifying demographic disparities in prediction outcomes and presenting data-driven recommendations while performing accuracy vs fairness curve to evaluate tradeoff

SKILLS & TECHNOLOGIES

Technical Skills: Excel (PivotTables, SUMIFS), PowerPoint, Tableau, Financial Modeling(P&L, DCF, LBO, TAM), RestAPIs, Power BI

Programming Tools: Python (pandas, NumPy, Scikit-learn, Fairlearn), LLM, Jupyter notebook, R (tidyverse, ggplot), SQL (PostgreSQL, MySQL), VScode, AWS, Google Cloud, Salesforce

Extracurriculars: External Vice President & Treasurer (Lambda Phi Epsilon Fraternity), Team Lead(UCLA DevX), Study Abroad Program (Singapore), IM Basketball