

Zhixin Liu

刘芷欣

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EDUCATION

Duke Kunshan University (DKU)

Kunshan, China

B.S. in Applied Mathematics and Computational Sciences

Expected June 2029

GPA: 3.818 / 4.0 | Dean's List, Spring 2026

Relevant Coursework: Calculus, Multivariable Calculus, Linear Algebra, Probability & Statistics, CS / Python, Academic Writing, Economics

SELECTED PROJECT & EXPERIENCE

Data Analytics Extern, Breaking Games

June 2026 -- Present

Externship Program Participant

- Integrated and cleaned six datasets from Shopify and Meta, including sales, orders, checkout behavior, advertising performance, and inventory data.
- Used SQL to analyze product performance, cart abandonment, campaign efficiency, and return patterns. Translated analytical findings into recommendations for product prioritization, marketing allocation, and inventory planning.

NightGuard: AI-Powered Fall Risk Prediction for Elderly Safety

Jan 2026 -- Present

DKU Innovation Incubator Phase II -- 2nd Prize, Campus Challenge Cup

- Contributed to risk prediction logic, Python-based data analysis, and user scenario documentation for an AI-driven elderly safety system
- Supported project narrative and presentation materials -- demonstrating interest in real-world, user-centered AI applications. Considered both technical performance and real-world needs, including privacy, caregiver workload, and system usability.

Shanghai Open Data Innovation Application Competition — AIGC Track

2026.08-09

Team Project

- Designed a script-based experience in which users assume the roles of historical figures, receive character-specific information and narrative tasks, and uncover connections among people, events, and library collections as the story progresses.
- Collaborated across content research, narrative design, interface planning, and technical feasibility, learning how to prioritize core features and turn a broad creative idea into a coherent, demonstrable product.

INTERNSHIP

Private Wealth Management Intern, GF Securities

2026

- Conducted weekly equity-screening exercises and researched selected companies using financial performance, industry outlook, policy and market trends, valuation, and downside risks.
- Organized client follow-up records in Excel, reviewed account-opening materials, screened documents for sensitive language, and assisted with compliance information entry.
- Gained knowledge of capital markets, bonds, asset allocation, family trusts, IPO financing, and fundamental and technical analysis, and synthesized key insights into a final internship presentation.

HONORS & ADDITIONAL INFORMATION

- **Peer Tutor:** Math 201 & 101 course
- **Languages:** Mandarin Chinese (native), English (fluent -- academic writing and professional communication)
- **Technical:** Python, SQL, Excel, data visualization, proficient in all AI model and product
- **Interests:** Data Science, Human-AI Interaction, Product Analytics, FinTech