

# JIARUI (SOPHIA) LI

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## EDUCATION

### University of Chicago

*Master of Public Policy, Finance and Energy Track*

Chicago, IL

Sep 2024 - Jun 2026

- **Coursework:** Financial Accounting and Analysis; Managerial Decision Modeling; Macroeconomics; Corporate Finance; Data Analysis with Python and SQL; Cost-Benefit Analysis; Environmental Economics; US Power Market; Energy Policy Evaluation

### Fudan University (QS World University Rank 39<sup>th</sup>)

*Bachelor of Arts in History; Minor: International Economics*

Shanghai, China

Sep 2020 - Jun 2024

- Xiyuan Scholar (top 5% researchers); Outstanding Scholarship (twice); Excellent Student Award; GRE Quant 168/170

## PROFESSIONAL EXPERIENCE

### S&P Global

*Electrification Research Summer Analyst*

Greater Detroit, MI

Jun 2025 - Sep 2025

- Constructed a 100k+ records, 3-dimension incentive tracking system, synthesized 50+ pages of state-level policy interpretation for EV charging, and facilitated 10-year record analysis across usage scenarios, mechanisms; increased sales team productivity by 20%
- Created 60+ pages of due diligence research to support strategic assessments for BESS industry and initiated a panel involving 3 experts; analyzed macro trends and produced presentations with 1.5k+ client and internal downloads on Detroit Client Briefing
- Utilized Python and Excel to build up quantitative analysis models that forecasts global EV charging infrastructure growth, created 50+ sheets of databases with qualitative assessment; delivered market outlook reports and informed client recommendations
- Forecasted 15-year component demand growth and analyzed market size of bi-directional charged vehicles, created 30+ charts using Power BI to assess, visualize supply chain resilience, player dynamics, and regional gaps; facilitated sales' client development

### Cathay Capital Private Equity

*Investment Intern*

Shanghai, China

May 2024 - July 2024

- Compiled 70+ pages of due diligence for a nutritional supplement startup; securing a \$2M investment for R&D and promotion
- Sourced 5 key aesthetic medicine players through a serial of cold calls and executive conferences, identified investment targets

### TikTok (ByteDance)

*Corporate Strategy Analyst Intern*

Shanghai, China

May 2023 - Aug 2023

- Drove to a \$1M monthly growth of revenue, by projecting China's e-automotive export market by electrification supplier and distributor investigation, factory visits, financial modeling and expert interviews, and creating reports aiding quarterly sales plan
- Advanced benchmarking of major global e-commerce platforms through cleaning and analyzing billions of data using R and Excel; developed reports enhancing TikTok Shop's market position, contributing to a 20% increase in number of enrolled merchants
- Directed a cross-functional team to assess the effectiveness of a new ESG-focused advertising format by analyzing 1M+ of tags, likes and views data; modeled conversion rates and benchmarked best practices of major platforms
- Produced 10 bi-weekly tracking reports on China's leading export industries, highlighting investment and financing deal value and structures and growth rates; performed trend analysis including cross-industry sales revenue monthly change and updated policies

### Boston Consulting Group (BCG)

*Consulting Intern*

Shanghai, China

Jun 2022 - Feb 2023

- Devised a 100+ pages revenue growth strategy for an auto-exporting client through competitor analysis, extensive consumer research with funnel analysis, sorted out and quantified consumers' purchasing behaviors, leading to a 5% quarterly sales growth
- Formulated market strategic roadmap, developing 50+ pages' market entry strategies for an e-aircraft firm expanding China's market involving policy research, data-driven supply chain and usage scenario analysis, competitive landscape investigation
- Led sourcing of 50+ NGOs and assessed their ESG concerns and needs, resulting in a 30% improvement in service delivery

## EXTRACURRICULARS

### UChicago Harris Consulting Club

*Vice President of Development*

Chicago, IL

May 2025 - Present

- Led a team of 15 to reposition club, enhancing brand identity and differentiation by organizing career panels tailored to policy students; initiated summer engagement events and implemented weekly training sessions to improve member retention

### UChicago Phoenix Climate and Sustainability Case Competition

*Top 10 Team*

Chicago, IL

Apr 2025 - Apr 2025

- Developed 70+ pages of agrivoltaic system's expansion strategies for an energy company by constructing project-level financial models to forecast lifetime costs and revenues, assessing investment metrics, and conducted industry, policy and geospatial analysis

### Energy & Material Talk Nonprofit

*Co-Founder and Chief Writer*

Shanghai, China

Sep 2023 - Aug 2024

- Built a platform of 1.5k+ subscriptions and 50k+ views by publishing 30 research insights in renewable energy sector, proactively covering pioneering efforts, emerging tech, policy impacts, and investment news, mostly on EV, electricity market and hydrogen

## ADDITIONAL

**Technical Skills:** Proficient in R, Python, SQL, Power BI, Bloomberg, GIS, Thinkcell, Microsoft Office (Excel SolverTable, @Risk)

**Professional Skills:** Financial Analysis, Strategic Analysis, Market Research, Modeling, Policy Analysis, Operations Communication

**Hobbies:** Golf, Hiking (max altitude 5,500m); Dancing (Latin dance for 18 years); Swimming; American Public Forum Debate