

HAOHAO LEI

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*I hold a strong belief in the value of in-depth empirical research
to inform sound investment decisions*

PROFESSIONAL SUMMARY

Empirical & quantitative social scientist with extensive experience analysing large-scale demographic, social, and epidemiological datasets. Skilled in translating complex statistical analyses into actionable insights, particularly within the contexts of the energy sector and public policy. Strong interest in corporate fundamentals and long-term investing, actively applying value investing principles (**achieving a year-to-date portfolio return of 32%**), and dedicated to developing the rigorous analytical skills essential for equity research and asset management.

EDUCATION

DPhil in Sociology (Population Science), University of Oxford 2023–2027 (expected)

- **Clarendon Scholar** at Nuffield College, Oxford (*Oxford's flagship scholarship programme*)
- Supervisors: Professor Jennifer Beam Dowd and Professor Ridhi Kashyap; thesis focused on individual mortality risk and the broader risks of demographic collapse
- Jointly supervised by the **Leverhulme Centre for Demographic Science, Oxford** and the **International Max Planck Research School for Population, Health, and Data Science, Max Planck Society**
- **OxPo Exchange Fellow** at Sciences Po and the Centre National de la Recherche Scientifique (CNRS)
- Co-organiser of the Population Health Seminar Series involving participants from the Oxford Department of Sociology, Oxford Population Health, and the Big Data Institute

MPhil, Sociology and Demography, University of Oxford 2021–2023

- **Distinction**; Supervisor: Dr Charles Rahal; thesis on employment-fertility dynamics across 27 European countries applying computational unsupervised learning
- Member, Green Templeton College, Oxford; Member, Bodleian Social Science Library Committee; Member, Graduate Joint Consultative Committee, Department of Sociology, University of Oxford

BSc, Social Sciences with Quantitative Methods, University College London 2017–2021

- **First Class Honours**; UK Data Service National Dissertation Award Recipient (2021)

INDUSTRY EXPERIENCE

Fidelity International, Hong Kong SAR, China Oct 2025–Nov 2025
Finalist, Fidelity International Stock Pitch Competition 2025

- Selected as **one of three finalists** in a highly competitive global stock pitch competition organised by Fidelity International
- Presented an investment thesis on China Resources Land Limited (1109.HK) to Fidelity's investment panel

Mercatus Center, Washington, DC, United States of America Aug 2025–Aug 2026
Ronald Coase Fellow in Political Economy

- Highly competitive one-year fellowship programme at one of the leading US think tanks
- Conducting research in political economy, focusing on market regulation, financial resilience, and macroeconomic policy in the context of asset management
- Working with international experts and Mercatus scholars to apply political-economic frameworks to understand market behaviour and investment strategy

Sinochem International Oil, London, United Kingdom Jul 2024–Sep 2024
Crude Oil Trading Analyst Intern

- Actively engaged in negotiations with prominent international suppliers, facilitating successful physical crude oil deals
- Designed and developed a comprehensive global refinery dataset to assist trading decisions. The dataset encompasses all 825 global refineries and incorporates ownership structures, merger histories, refining capacities, crude slate profiles, labour relations, geographical data, and supply chain interconnections
- Translated the *General Terms and Conditions for the Sale and Purchase of Brent Crude Oil*
- Acquired first-hand insight into the operational mechanics of physical crude oil trades and the strategic realities of global business practice

Loyal Valley Capital, Shanghai, China Jun 2018–Oct 2018
Private Equity Summer Intern

- Conducted interviews and facilitated focus groups to gather user experience data on a leading online education platform with over 400 million users; analysed findings and prepared reports to support the investment team's decision-making
- Drafted daily economic and investment memos for the fund's official WeChat account, covering updates on macroeconomic indicators, significant technology and corporate news, and market performance analyses
- Participated in weekly investment meetings and attended roadshows featuring cultural IP and consumer-sector start-ups

SELECTED TRAINING

- Complex Systems in Our Changing World, Complexity Winter School, *Vienna Complexity Science Hub* (2025)
- Oil & Gas Industry Operations and Markets, *Duke University* (2024)
- Introduction to Crude Oil, *CME Group* (2024)
- The Econometrics of Time Series Data, *Queen Mary University of London* (2024)
- Machine Learning and Twitter Data Analytic Workshop, *University of Oxford* (2022)

TECHNICAL SKILLS

- Big data analytics & visualisation
- Applied machine learning
- Demographic forecasting & risk assessment
- Advanced statistical modelling
- Equity research & financial modelling
- R / Stata / QGIS / L^AT_EX