

Andrew Hummel

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Education

London School of Economics and Political Science (LSE)

Sep 2023 – Nov 2024

MSc in International Public and Social Policy

Thesis: “GDPR, Employee Power, and Automated Surveillance” (*Distinction*)(Advisor: Dr. Virgi Sari)

- Coursework: Data Science for Policy, Public and Social Policy Research Methods, Emerging Technology Policy, Comparative Political Economy, National Security Policy

University of Kentucky

Aug 2018 – May 2022

BS in Economics

- Coursework: Intersections in Statistics, Macroeconomics, Microeconomics, and Mathematics
- CURE Fellow; Honors College; Magna Cum Laude

University of Zürich

2021 – 2022

Final Year Bachelor's Exchange

- Coursework: International Fiscal Policy, Financial Market Analysis, and China's Belt & Road Initiative

Experience

First Hire/Head of Data Strategy

Milly Books (*Fintech Startup*) — 2023 – Present

- Conducted regulatory and market research across 30 state insurance markets to inform acquisition campaigns, contributing to \$100M in portfolio acquisitions for the platform
- Aggregated and analyzed fragmented datasets across sales, product, and operations, uncovering insights that identified 8 deals worth \$750K
- Built startup's full data infrastructure and KPI dashboards, enabling data-driven strategic and compliance decisions
- Authored executive briefings synthesizing complex market and regulatory findings for leadership, investors, and other stakeholders

Market Research Intern

Xometry — May 2021 – Jan 2022

- Conducted quantitative market research on platform supply-demand dynamics and competitive trends to support marketplace growth strategy
- Built and interpreted demand elasticity models to evaluate pricing and participation outcomes across target user segments, contributing analysis that led to a 12% reduction in user turnover
- Drafted concise internal memos translating analytical findings into strategic recommendations for senior business and sales leaders

Selected Research & Projects

Mapping the Strategic Focus of U.S. Semiconductor Export Controls

2024

Analyzed two decades of BIS Entity List additions to evaluate whether U.S. export controls increasingly target firms tied to chokepoint technologies and critical semiconductor supply chains.

GDPR, Employee Power, and Automated Surveillance

2024

Analyzed European legislation and case studies of major corporations to evaluate the GDPR's capacity to limit digital surveillance and uphold employee or corporate rights in the EU workplace.

Global Financial Governance for Artificial General Intelligence

2025

Developed a comparative analysis of EU, U.S., and Asia-Pacific AI regimes to design a layered oversight architecture addressing AGI-driven volatility and algorithmic collusion in finance.

Skills

Technical: SQL, Python, dbt, Databricks, Snowflake, Tableau, Dagster, Great Expectations, Streamlit, Excel, Power BI
Policy: Emerging Technology and National Security Policy, AI Governance and Ethics (AGI, ML Surveillance), Data Privacy (GDPR, U.S. Frameworks), Economic Competitiveness and Innovation Policy