

Yifei YUAN

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EDUCATION

The Chinese University of Hong Kong

Hong Kong

Bachelor of Social Science in Economics (cGPA: 3.52/4, Major GPA: 3.8/4)

Sep 2021 - Present

Awards & Honors: Full Tuition Scholarship; Asia-Pacific Economic Cooperation Scholarship; HKSAR Government Scholarship; Dean's List Award; S.H. Ho College Advanced Scholarship. First Class Honours (expected).

University of Geneva

Geneva, Switzerland

Exchange Program in GSEM (GPA: 5.8/6, Rank: 1st in 80)

Feb 2024 - Jul 2024

Awards & Honors: S.H. Ho Foundation Scholarship; OAL Exchange Scholarship.

INTERNSHIP EXPERIENCE

Shenzhen Institute of Advanced Technology, Chinese Academy of Science

Shenzhen

Research Intern (Supervisor: Prof. Sun Liqun)

Dec 2024 - Oct 2025

- Conducted spatiotemporal analysis of global urban nighttime light dynamics using ArcGIS and Python; applied Mann-Kendall test to identify regions with statistically significant trends.
- Analyzed policy's economic and environmental impacts through econometric modeling.
- Participated in a national-level research project on environmental governance of lithium supply chains; conducted life-cycle assessment and carbon accounting across 5 mining-to-battery production facilities in Jiangxi Province.

CUHK Business School

Hong Kong

Research Assistant (Supervisor: Prof. Zhou Yuqing)

Jul 2024 - Sep 2024

- Checked company ownership. Constructed a matched financial dataset of U.S. publicly listed companies and their global subsidiaries. Used Python and Stata for data cleaning and analysis.
- Assisted in literature review for the use of accountancy studies.

ByteDance

Shenzhen

Global e-commerce Intern

Aug 2023 - Nov 2023

- Conducted market research in Southeast Asia and analyzed gaps in the e-commerce market. Produced 5 data analysis reports and provided strategies for operations.
- Participated in 4 major e-commerce campaigns and managed 12 weekly operational cycles. Updated strategies based on operational outcomes, resulting in an increase in the penetration rate of cross-border sales in Philippine market from 7% to 10%.

RESEARCH & PROJECT

Thesis: "MBTI Personality Prediction Using Machine Learning"

Abstract: The MBTI test is a widely used personality assessment tool on social media and has applications in the recruitment screening. However, its reliance on self-reported behavioral answers leaves it vulnerable to manipulation. Using a dataset of online speech content and self-reported MBTI tags, this research investigates the possibility of revealing MBTI type by analyzing textual content. We find strong evidence that linguistic features correlate with MBTI types, and the NLP algorithm developed in this study can serve as an alternative approach for MBTI testing.

Thesis: "Beyond Megawatts: The Economic and Ecological Returns of China's Photovoltaic Poverty Alleviation Program"

Abstract: Eradicating poverty and advancing affordable and clean energy are core components of the UN Sustainable Development Goals. Yet many developing countries face energy shortages that hinder their economic development, making balancing these two goals for sustainable development a century-old challenge. Using remote sensing and county-level economic data, this study evaluates China's Photovoltaic Poverty Alleviation Program and identifies its dual impacts: economically, it boosts gross domestic product by 2.9% via income growth, job creation and capital inflows; environmentally, it promotes industrial clean transition and rural energy upgrading, reducing SO₂ concentrations by 4.46 µg/m³. The study further analyzes the policy's effectiveness, mechanisms, and sustainability, offering empirical references and optimization insights for scaling such green poverty reduction models in energy-poor regions globally. [\[link\]](#)

SKILLS & INTERESTS

Language: English (fluent), Mandarin (native)

Computer: Python, STATA, ArcGIS