

Zhijie Xiong

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Education

Columbia University <i>MA in Quantitative Methods in the Social Sciences (QMSS), Focus in Data Science (GPA: 4.0/4.3)</i>	2025/09-2026/06 New York
Hong Kong University of Science and Technology (HKUST) <i>BSc in Quantitative Social Analysis</i>	2021/09-2025/06 Hong Kong

Research Experience

Face and Object Recognition in Autistic Individuals <i>Supervised by Prof. Hsiao, Janet</i>	2022/01-2026/02 HKUST
<ul style="list-style-type: none">Conducted comprehensive literature review and assisted in study design and protocol development.Programmed full experimental workflows using PsychoPy, EyeLink, and Pupil Labs for synchronized data collection.Recruited and coordinated 40+ participants, including cross-institution collaboration with Shanghai Children's Hospital.Cleaned, merged, and documented multimodal experimental data to ensure accuracy and reproducibility.Performed statistical analyses (ANOVA, regression) using R and MATLAB; co-authored the manuscript under review at the Cognitive Science Society Conference.	
China Political Economy Database Project <i>Supervised by Prof. LIN, Yi-Min</i>	Jan 2022-Sep 2025 HKUST
<ul style="list-style-type: none">Systematically collected and organized policy, industry, and governance materials to support large-scale quantitative research.Compiled regional FDI datasets (1985–2023) and financial indicators to analyze cross-provincial economic trends.Web-scraped and consolidated firm-level data (5,000–6,000 companies) using Python and VBA.Standardized ownership and sector classifications across multiple official and commercial data sources.	
Chinese Patriotic Sentiment Analysis on Weibo <i>Supervised by Prof. ZHANG, Dong</i>	Jan 2023-May 2023 HKUST
<ul style="list-style-type: none">Coded and analyzed 2,000+ Weibo posts using structured content analysis frameworksTransformed unstructured social media text into analyzable datasets for political communication research	

Work Experience

IBM QMSS Practicum— AI Documentation Project <i>Graduate Practicum Lead</i>	2025/09-2025/12
<ul style="list-style-type: none">Coordinated cross-functional teams (design, data, engineering) to deliver an AI-assisted documentation workflow.Analyzed user workflows and evaluated system outputs, contributing to a 30% reduction in manual processing effort.	
Omnigence.ai <i>Product & Research Contributor</i>	2025/08-2026/01
<ul style="list-style-type: none">Conducted user interviews and synthesized requirements into structured documentation.Supported data analysis and product testing through coordinated cross-team execution.	
Fortune Cookie Technologies Inc. <i>Product Research Intern</i>	2024/11-2024/12
<ul style="list-style-type: none">Analyzed 300+ user discussion threads and summarized behavioral insights.Supported MVP experimentation and performance tracking using product analytics.	
Zuoyebang Educational Technology (Beijing) Co., Ltd. <i>Product Intern</i>	2023/12-2024/02
<ul style="list-style-type: none">Analyzed user behavior data and supported A/B testing for feature optimization.Assisted with on-site and online interviews with international students to get direct product feedback.	
EasyTransfer Co., Ltd. <i>Product Marketing Intern</i>	2023/11-2024/02
<ul style="list-style-type: none">Analyzed user engagement and conversion data to support growth strategy execution.	

Skills

<ul style="list-style-type: none">Languages: English (Fluent), Mandarin (Native), Cantonese (Basic), Korean (Basic)Tools: Programming (Python, C++, VBA, Java, MATLAB), Data Analysis (STATA, R, SPSS, SQL, Power BI, Excel), Product Design (Azure, Figma, PS, AI, Canva), Product Management (Microsoft Office Suite, Jira)Research Skills: Experimental Design, Data Cleaning, Statistical Analysis, Literature ReviewProfessional Skills: Analytical Skills, Research Support, Planning & Coordination, Follow-up Skills
