

# Zhijie Xiong

(+1) 407-517-8818 | zx2556@columbia.edu | New York, NY | LinkedIn: Zhijie Xiong

## Education

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

## Research Experience

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

## Work Experience

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

## Skills

<b>Languages:</b> English (Fluent), Mandarin (Native), Cantonese (Basic), Korean (Basic)
<b>Tools:</b> 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)
<b>Research Skills:</b> Experimental Design, Data Cleaning, Statistical Analysis, Literature Review
<b>Professional Skills:</b> Analytical Skills, Research Support, Planning & Coordination, Follow-up Skills