

# Chuyao (Julian) WANG

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A prospective LSE Ph.D. in social data science, diverse skill training, internships at BCG, tech and government

## EDUCATION

<b>London School of Economics (LSE)</b>	London, United Kingdom
<b>Ph.D. in Social Research Methods (Applied Data Science)</b> <b>LSE Ph.D. Studentship £160,000</b>	09/2022 - 09/2025
Training: Python Programming, Machine Learning, Survey Methodology, Econometrics	
<b>Hong Kong University of Science and Technology (HKUST)</b>	Hong Kong, China
<b>M.Phil. in Social Science (Social Statistics)</b> <b>GPA 3.74 / 4.3 (Top 3)</b> <b>Studentship HK\$430,000</b>	09/2020 - 09/2022
Training: R Programming, Computational Social Science, Research Design, Network Analysis	
<b>M.Sc. in Global China Studies</b> <b>GPA 3.96 / 4.3 (Top 3)</b> <b>Dean's Award</b>	09/2019 - 05/2020
<b>Shandong University (SDU)</b>	Jinan, China
<b>B.A. in History, GPA 88.2 / 100</b>	09/2016 - 06/2020
Exchanges: University of California, Los Angeles (GPA 4.00 / 4), University of Hong Kong (GPA 3.70 / 4.3)	

## WORK EXPERIENCES

<b>Part-Time Assistant, Boston Consulting Group</b>	Remote	06/2022 – Now
<ul style="list-style-type: none"><li><b>Projects:</b> worked collaboratively on strategy consulting and investment analysis of biotechnology and consumer goods</li><li><b>Market Sizing:</b> estimated market size for different sorts of milk protein, validated it within a 5% error</li><li><b>Desk Research:</b> researched biotechnology industry, analysed investment prospects via multi-stakeholder analysis</li><li><b>Report Writing:</b> drafted 3 market research reports on consumer goods for group discussion and adaptation</li></ul>		
<b>Research Intern, Dept. of Global CBP, ByteDance Ltd.</b>	Beijing, China	06/2020 - 09/2020
<ul style="list-style-type: none"><li><b>Leadership:</b> engaged a group of 6 interns and coordinated effectively, which achieved top 8% in internal rating</li><li><b>Research:</b> conducted compensation research, devised comparable measurements internationally with Radford database</li><li><b>Data Analysis:</b> implemented Menta to clear data, utilized R for data exploration, visualized data-driven insights</li></ul>		
<b>Intern Analyst, National High-Tech Industry Innovation Centre</b>	Shenzhen, China	02/2020 - 05/2020
<ul style="list-style-type: none"><li><b>Communication:</b> collaborated on the digital economy section of the provincial plan, reviewed by municipal administrators</li><li><b>Desk Research:</b> collected data from Wind and internal databases, presented insights with Microsoft Office Suite</li><li><b>Field Research:</b> interviewed 20+ experts and officials, devised questionnaires, found an unexpected industry to foster</li></ul>		

## PROJECT EXPERIENCES

<b>Participant, Data Science and Analytics Virtual Experience Program, Boston Consulting Group</b>	05/2022
<ul style="list-style-type: none"><li><b>Communication:</b> translated client's demand into testable hypotheses, formed data-driven business suggestions</li><li><b>Data Analysis:</b> applied machine learning techniques to model data features, delivered key takeaways concisely</li></ul>	
<b>Research Intern, CivicTech Lab, National University of Singapore</b>	08/2021 - 02/2022
<ul style="list-style-type: none"><li><b>Communication:</b> collaborated for a top-tier social computing publication in a cross-cultural and interdisciplinary lab</li><li><b>Research:</b> tested hypotheses with mixed methods, modelled the sentimental patterns of 1,000,000+ sentences in Python</li></ul>	
<b>Project Leader, 4th Summer Institute in Computational Social Science, Princeton University</b>	06/2021 - 08/2021
<ul style="list-style-type: none"><li><b>Selectivity:</b> invited as the 3rd in Hong Kong and one of the 6% master's students among 600+ social and data scientists</li><li><b>Leadership:</b> led a collaborative project, reoriented its direction and design, selected for a prestigious international grant</li></ul>	
<b>Independent Project Researcher, 400,000 Images Shows Mitigated Hostility in COVID-19, HKUST</b>	02/2021 - 07/2021
<ul style="list-style-type: none"><li><b>Research:</b> framed hypotheses, measured visual hostility at a 93% accuracy, articulated the key drivers and mechanisms</li><li><b>Data Analysis:</b> analysed 400,000 images with machine learning in Python, conducted regression for hypotheses testing</li></ul>	

## SKILLS AND INTERESTS

- Skills:** R, Python, Microsoft Office Suite; English (IELTS 8.0, C2), Chinese (Native); Machine Learning, Econometrics
- Interests:** Hiking, Analytical boardgame, Grand Strategy: optimizing the socioeconomic parameters in a simulator