Chuyao (Julian) WANG

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LSE Ph.D. student in social data science, internships in Boston Consulting Group, business analytics, and investment research

EDUCATION

London School of Economics (LSE)   London, United Kingdom   09/2022 – 07/2025

Ph.D. in Social Research Methods (Social Data Science)   LSE Ph.D. Studentship £170,000

Training   R and Python Programming, Machine Learning, Causal Inference, Research Design, Network Modelling

Hong Kong University of Science and Technology (HKUST)   Hong Kong   09/2019 – 09/2022

M.Phil. in Social Science (Social Statistics)   Studentship HK$430,000   GPA 3.74 / 4.3 (Distinction, Rank Top 3)

M.Sc. in Global China Studies   Dean's Award   GPA 3.96 / 4.3 (High Distinction, Rank Top 3)

Shandong University (SDU)   Jinan, China   09/2016 – 06/2020

B.A. in History (Economic History)   GPA 88.2 / 100

Exchange Study   University of California, Los Angeles (GPA 4 / 4), University of Hong Kong (GPA 3.7 / 4)

WORK EXPERIENCES

Part-Time Assistant, Boston Consulting Group   Remote   06/2022 – 11/2022

- **Investment sourcing of biotechnology** – accomplished investment sourcing for 179 biotechnology firms across 17 countries using mutually exclusive and collectively exhaustive approaches (accuracy > 97%), articulated key investment prospects via value chain analysis

- **Market sizing of consumer goods** – derived hypotheses about the key drivers of milk protein consumption, estimated market sizes for rare sorts of milk protein from bottom-up approaches, validated them with top-down ways, and yielded a 95%+ accuracy; completed 3 research report drafts on consumer goods for the peer discussion that were all adapted with minor correction

Financial Analyst, Noggin HQ (FinTech for all)   London, United Kingdom   09/2022 – 11/2022

- **Strategic research and financial modelling** – conducted market and segment sizing for financial inclusiveness aided by artificial intelligence, interviewed 40+ experts indicating credit card is an ideal market; improved 7 key factors in financial modelling that led to an 164% increase in forecasted revenues to attract funding from Bethnal Green Ventures and others

Research Intern, Dept. of Global CBP, ByteDance Ltd.   Beijing, China   06/2020 – 09/2020

- **Top achiever as leader and collaborator** – organized a group of 6 interns through digital tools, achieved the top 10% in the internal rating among groups; collaborated in comparative compensation research for TikTok, gained top 5% in the individual internal review

- **Data Management and Research** – implemented Menta to monitor outliner and clear data with an accuracy of 98.4%, explored data-driven insights with R, and presented to managers with a feedback score of 9.2 out of 10; devised comparable measurements of compensations across 21 countries and 74 cities with Radford database and found that U.S. in-house legal consultants are underpaid by 14%, guided TikTok to expand its legal department by 57% that led to its legal victory over Trump and the preservation of the business

Intern Analyst, National High-Tech Industry Innovation Centre   Shenzhen, China   02/2020 – 05/2020

- **Field study and desk research** – interviewed 30+ experts and devised questionnaires receiving 11,000 responses across the industry, consultancy, academia, and government, collected 270,000 firm-level data, and built forecast models that proved to be 87% accurate

- **Industry research and report writing** – drafted the digital economy section of the 5-Year Shenzhen (GDP = Chicago) Industry Plan reviewed by 5 officials including the vice mayor, discovered an overlooked industry that grew by 187% in the past 5 years

PROJECT EXPERIENCES

Participant, Data Science and Analytics Virtual Experience Program, Boston Consulting Group   05/2022

- **Data-driven hypothesis testing**: translated business problems into testable hypotheses, applied machine learning in Python to model 700,000 transactions with a 93% accuracy, examined the key drivers and mechanisms, and suggested a campaign to attract clients

Project Leader, 4th Summer Institute in Computational Social Science, Princeton University   06/2021 – 08/2021

- **Selectivity and leadership**: invited as the 3rd panellist in Hong Kong and one of the 6% students among 600+ social and data scientists; led a collaborative project with peers from diverse backgrounds and selected for a prestigious international grant (award rate < 5%)

SKILLS AND INTERESTS

- Skills: R, Python, SQL, Office Suite; English (IELTS 8.0), Chinese (Native); Lead Teacher for LSE MY474 (Statistics Seminar)

- Interests: Key Opinion Leader (180,000 followers), Mod Management (led a group of 11 on optimizing economic mechanism in Victoria 3)