Chuyao (Julian) WANG

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EDUCATION

London School of Economics and Political Science (LSE)   London

   Ph.D. in Social Research Methods (Applied Data Science) | LSE Ph.D. Studentship £160,000   09/2022 - 09/2026

Hong Kong University of Science and Technology (HKUST)   Hong Kong

   M.Phil. in Social Science (Social Statistics) | GPA 3.74 / 4.3 (Top 3) | Studentship HK$430,000   09/2020 - 05/2022

     Training: R and Python Programming, Econometrics, Computational Social Science, Research Design

   M.Sc. in Global China Studies | GPA 3.96 / 4.3 (Top 3) | Dean's Award   09/2019 - 05/2020

Shandong University (SDU)   Jinan, China

   B.A. in History, GPA 88.2 / 100   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

Research Intern, Dept. of Global CBP, ByteDance Ltd.   Beijing, China | 05/2020 - 08/2020

- **Leadership**: led an intern group of 7 people and coordinated effectively, achieved top 10% work performance
- **Research**: conducted compensation research, devised comparable measurements internationally with Radford database
- **Data Analysis**: implemented Menta to clear data, utilized R for pattern exploration, visualized data-driven insights

Intern Analyst, National High-Tech Industry Innovation Center   Shenzhen, China | 02/2020 - 05/2020

- **Project**: Digital Economy section of the 14th Provincial Five-Year-Plan, reviewed by Shenzhen municipal administrators
- **Desk Research**: collected data from Wind and internal databases, presented insights with Microsoft Office Suite
- **Field Research**: interviewed 20+ experts and officials, devised questionnaires, found an unexpected industry to foster

PROJECT EXPERIENCES

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

- **Communication**: translated client's demand into testable hypotheses, formed data-driven business suggestions
- **Data Analysis**: applied machine learning techniques to model data features, delivered key takeaways concisely

Research Intern, CivicTech Lab, National University of Singapore   08/2021 - 03/2022

- **Communication**: collaborated for a top-tier social computing publication in a cross-cultural and interdisciplinary lab
- **Research**: tested hypotheses with mixed-method, modeled the sentimental patterns of 1,000,000+ sentences in Python

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

- **Selectivity**: invited as one of 3 pre-Ph.D. attendees amid 600+ social and data scientists worldwide
- **Leadership**: led a collaborative project, reoriented its direction, applied to a prestigious grant successfully
- **Research**: wrote competitive grant proposal, conducted machine learning analysis, revised the draft with expert feedback

Independent Project Researcher, 400,000 Images Shows Mitigated Hostility in COVID-19, HKUST   02/2021 - 07/2021

- **Research**: framed hypotheses, measured visual hostility accurately, articulated the key drivers and mechanisms
- **Data Analysis**: analyzed 400,000 images with machine learning in Python, conducted regression analyses

ACTIVITIES

Presenter, 7th International Symposium on Quantitative History   07/2019

- **Selectivity:** selected as one of few undergraduates among scholars worldwide for round-table discussions
- **Research**: presented my project revealing the government revenue from both top-down and bottom-up approaches

Investigator, Center of Investigation, SDU   10/2018 - 03/2019

- **Communication**: translated customers' demands into solid proposals, worked with managers to improve service quality
- **Research**: interviewed 20+ stakeholders, collected 2000+ data, produced insights that improved efficiency by 40%

SKILLS AND INTERESTS

- Skills: R, Python, Microsoft Office Suite; English (IELTS 8.0, C2), Chinese (Native); Machine Learning, Econometrics
- Interests: Hiking, Socially important music, Optimizing the socioeconomic parameters in a grand strategy simulator