

# Dr Haitao Shi

27 George Square, Edinburgh  
EH8 9LD

Email: v1hshi2@ed.ac.uk  
Mobile No: (+44) 7762982415

---

## EDUCATION AND QUALIFICATIONS

09/2016—04/2023

**PhD in Sociology**  
**University of Edinburgh (UoE)**

**Thesis:** *Drug Policing in China: Drug Laws, Police Culture, and Police Professionalisation*

**Module:** Research Skills in the Social Sciences (Mark: 70)

10/2013—11/2014

**MSc Criminal Justice Policy (Merit)**  
**London School of Economics and Political Science (LSE)**

**Dissertation Project (Mark: 64):** *Analysing the Impacts of Prison Architecture on Offenders and Their Rehabilitation.*

**Modules included:**

- |                                                                                                                                                                              |                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• <i>Criminal Justice Policy</i></li><li>• <i>Policing and Police Power</i></li><li>• <i>Illegal Drugs and Their Control</i></li></ul> | <ul style="list-style-type: none"><li>• <i>Globalisation, Gender and Development: Policy and Practices</i></li><li>• <i>Qualitative Research Methods</i></li></ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

09/2009—07/2013

**LLB Public Security (90.5/100)**  
**East China University of Political Science and Law (ECUPL)**

**Modules (69 in total) included:**

- |                                                                                                                                             |                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• <i>Criminology</i></li><li>• <i>All kinds of Laws</i></li><li>• <i>Criminal Sociology</i></li></ul> | <ul style="list-style-type: none"><li>• <i>Criminal Psychology</i></li><li>• <i>Theory and Practice of Correction</i></li><li>• <i>Crime Control Technology</i></li></ul> |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

## RESEARCH COMPETENCIES (My GitHub)

- Quantitative Research Methods: **R, Python, SPSS, MAXQDA**
- Qualitative Research Methods: **Nvivo, RQDA, ATLAS.ti, MAXQDA**
- Database: **MySQL, PostgreSQL, Redis**
- Version control: **Git**
- Data visualisation: **Gephi, R, QGIS**
- Cloud computing: **Microsoft Azure, ORACLE, AWS**
- Writing, editing and visualisation: **Obsidian, Scrivener, LaTeX, Quarto, reveal.js**

---

## WORKING EXPERIENCE

### Research Assistant

06/2023-05/2024

- *Using machine learning and Perspective API to analyse Crimebb and CrimeBB datasets from Cambridge Cybercrime Centre*
- *Using R to analyse and visualise the data from darknet websites*
- *Responsible for grading assignments and exams for the course 'Sociology of Illicit Markets and Criminal Organisations'*
- *Developing R Shiny Apps for Drug Research Network Scotland*
- *Conducting the project investigating the experiences and challenges that Chinese students face in Edinburgh Universities*

### Web Crawler Engineer (Kazimierz Wielki University in Bydgoszcz)

07/2023-12/2023

- *Using Python and R to scrape all data, both overt and covert, from websites including Dopek and Cebulka (darkweb platforms), and Hyperreal, and organising it in a tidy format suitable for machine learning applications.*

### Mentor of the Postgraduate/Peer Support Leader (UoE)

09/2018-09/2019

- *Teaching students how to do data analysis and literature reviews effectively*

- *Creating WeChat groups for students to share information and help each other*

## **Research and Communications Officer (Internship: International Drug Policy Consortium)**

09/2014-11/2014

- *Updating the ICPD website and writing brief introductions of IDPC news and publications*
- *Maintaining Communication Channels and Launching a new social media tool in Chinese*
- *Engaging with international organizations and contributing to policy debates*
- *Policy Advocacy and Research: Researching drug policy in the China/Caribbean*
- *Supporting IDPC in identifying new donors*

## **ACHIEVEMENTS AND AWARDS**

- 2024 *Anaconda Python for Data Science Professional Certificate*
- 2023 *Microsoft Certified: Azure Fundamentals and Azure AI Fundamentals (Funded by Microsoft)*
- 2023 *Path Analysis with Interactions and Indirect Effects in R (Funded by Instats)*
- 2022 *R Statistics Essential Training/Statistics Foundations 1 and 2 (LinkedIn Learning Certificate)*
- 2021 *Data Science: Machine Learning Certificate from HarvardX with full marks (Funded by The Macquarie Group Scholarship)*
- 2019 *Understanding and Policing Gangs Conference (Funded by Cumberland Lodge)*
- 2016—2023 *Three times PGR Research Support Fund (Funded by University of Edinburgh)*
- 2013 *Shanghai Outstanding Graduates*
- 2010—2012 *Three times Excellent Student and First Scholarship of ECUPL*
- 2011 *Prize for Excellence of 4th 'UN Asia Crime Prevention Foundation', College of Criminal Justice Students Academic Innovation Contest*
- 2011 *National Scholarship of China*

## **PUBLICATIONS AND CONFERENCES**

- Siuda P, Świeca L, Cheba P, Shi H. (2024) "Similar to Legal Companies": Vendor Brands and Other Aspects of Marketing Communication in the Darknet Drug Trade. *Deviant Behavior*. Routledge: 1–16.
- Shi H. (2024). The generational conflicts of police culture under the professionalisation of drug policing in China, *Policing and Society* (Submitted)
- Siuda, P., Bancroft, A., Harviainen, T., Shi, H., Aaltonen, M., Haasio, A., Nurmi, J. (2024, March) Comparing Drug Trade on Tor in Finnish, Polish, and English-Speaking Cultures. Presented at Human Tech Transition: Crises in Mediatized Politics, Society & Economy. Warsaw, Poland.
- Shi H. (2023). The Impacts of Guanxi: Drug Policing Under Police Professionalisation in China. *Sociological Research Online*, 0(0).
- Shi H. (2022). Policing & Policing Culture in China (Scottish Institute for Policing Research Postgraduate Symposium)
- Shi H. (2021). The Generational Cultural Conflicts and Integration of Police Culture Under the Professionalisation of Anti-Drug Policing in China (European Society of Criminology)
- Shi H. (2019). The Numbers Game: Quota-Driven Drug Policing in China (European Society of Criminology)
- Shi H. (2019). Community-Based Drug Rehabilitation Under the 'People's War on Drugs' in China (Fifth International Law Enforcement and Public Health Conference)
- Shi H. (2018). Book review: Measuring Police Subcultural Perceptions: A Study of Frontline Police Officers in China. *Criminology & Criminal Justice*, 18(1), 132-134.
- Shi H. (2017). Challenges in Researching Anti-Drug Police in China (New Directions Conference)