# Dr Haitao Shi

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## 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:**

- *Criminal Justice Policy*
- *Policing and Police Power*
- *Illegal Drugs and Their Control*
- *Globalisation, Gender and Development: Policy and Practices*
- *Qualitative Research Methods*

*09/2009—07/2013*　　　　**Bachelor of Laws (90.5/100)**
　　　　　　　　　　　　**East China University of Political Science and Law (ECUPL)**

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

- *Criminology*
- *All kinds of Laws*
- *Criminal Sociology*
- *Criminal Psychology*
- *Theory and Practice of Correction*
- *Crime Control Technology*

## RESEARCH COMPETENCIES (My GitHub)

- Quantitative Research Methods: **R (RStudio/VS Code), Python (PyCharm), SPSS, MAXQDA**
- Qualitative Research Methods: **Nvivo, RQDA, ATLAS.ti, MAXQDA**
- Database: **MySQL, Redis**
- Version control: **Git**
- Data visualisation**: Gephi, R, QGIS**
- Cloud computing: **Microsoft Azure, ORACLE, AWS**
- Writing, editing and visualisation: **Notion, Obsidian+Excalidraw, Scrivener, LaTeX, Quarto**

## WORKING EXPERIENCE

**Research Assistant for Professor Angus Bancroft**　　　　　　　*06/2023-now*

- *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*

**International Drug Policy Consortium (Internship)**                    *09/2014-11/2014*

- *Updating the ICPD website and writing brief introductions of IDPC news and publications*
- *Freeing colleagues to perform repetitive and time-consuming tasks by providing technical support*
- *Launching a new social media tool in Chinese*
- *Researching drug policy in the Caribbean*
- *Supporting IDPC in identifying new donors*

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## ACHIEVEMENTS AND AWARDS

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

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## RELEVANT TRAINING RECEIVED

- R for criminologists (European Society of Criminology, Ghent University)
- Mapping crime data in R (UK Data Service)
- ChatGPT Prompt Engineering for Developers (OpenAI)
- Week-long SPSS training for PhD students and staff (UoE)
- Sentiment Analysis and Text Analysis using R (Text Analysis Research Group, UoE)
- R for Social Scientists (Edinburgh Parallel Computing Centre, UoE)

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## PUBLICATIONS AND CONFERENCES

- H, Shi. (2024). The generational conflicts of police culture under the professionalisation of drug policing in China, *Policing and Society* (Submitted)
- H, Shi. (2023). The Impacts of Guanxi: Drug Policing Under Police Professionalisation in China. *Sociological Research Online*, 0(0).
- H, Shi. (2022). Policing & Policing Culture in China (Scottish Institute for Policing Research Postgraduate Symposium)
- H, Shi. (2021). The Generational Cultural Conflicts and Integration of Police Culture Under the Professionalisation of Anti-Drug Policing in China (European Society of Criminology Annual Conference)
- H, Shi. (2019). The Numbers Game: Quota-Driven Drug Policing in China (European Society of Criminology Annual Conference)
- H, Shi. (2019). Community-Based Drug Rehabilitation Under the 'People's War on Drugs' in China (Fifth International Law Enforcement and Public Health Conference)
- H, Shi. (2018). Book review: Measuring Police Subcultural Perceptions: A Study of Frontline Police Officers in China. *Criminology & Criminal Justice*, 18(1), 132-134.
- H, Shi. (2017). Challenges in Researching Anti-Drug Police in China (New Directions Conference)