

# Siyang Ni

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## Summary of Qualifications

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- Three years' experience in quantitative criminology research
- R programming and data analytical skills demonstrated in the M.Phil. thesis
- Two years' experience of teaching undergraduate students
- Areas of Expertise: **Delinquency, Youth Development, Quantitative Methodology**

## Education

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**Ph.D., Criminology** (In Progress) (Expected) 2027  
Pennsylvania State University, State College, PA  
Scholarship: Graduate Scholar Award (\$10,000); Startup Scholarship (\$2,500)

**M.Phil., Sociology** Nov 2021  
The Chinese University of Hong Kong, Shatin, Hong Kong  
Scholarship: Full funding from The HK Research Grant Council (\$27,740 annually)  
Cumulative GPA: 3.71/4.00

**B.A., Planning & Public Policy** June 2016  
Rutgers University, New Brunswick, NJ  
Summa Cum Laude; SAS Dean's List for Three Semesters  
Cumulative GPA: 3.86/4.00

**Bachelor of Administration, Public Administration\*** June 2016  
South China University of Technology, Guangzhou, Guangdong,  
China  
Scholarship: University Scholarship & Merit Student  
Cumulative GAP: 3.72/4.00

## Conference Presentations

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**Hong Kong Sociological Association Annual Conference** 12/2018  
"Social Strain and Delinquency of Left-behind Youths in Rural China" Panel Presentation

\*Degree awarded through the joint bachelor's degree program between Rutgers University and SCUT

## Research Experience

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**The Chinese University of Hong Kong: M.Phil. Thesis** 09/2018 – 08/2021

"Social Strain and Left-behind Children's Delinquency: An Empirical Test of General Strain Theory in Rural China under the Internal Migration Context"

Committee Chair: Dr. Zhong Hua, Department of Sociology, CUHK

Committee Members: Dr. Cheung Wai-ting (CUHK), Dr. Jin Lei (CUHK), and Dr. Ivan Sun (University of Delaware)

- See Abstract Attached

**Rutgers University: Senior Project** 01/2016 - 05/2016

"The Ecological Significance of Hispanic Immigrants and Crime Nexus in Urban Neighborhoods: A Mixed Method Case Study in New Brunswick"

Advisor: Dr. Dona Schneider, School of Planning and Public Policy, Rutgers University

- Method(s): Non-participant Observation & Data Analysis
- Result(s): Residents in New Brunswick's Hispanic immigrant neighborhoods have strong social bonds and a high level of collective efficacy, which helps prevent unlawful activities.

**Rutgers University: Intern Research** 05/2015 - 11/2015

"The Formation of a Collective Identity among Residents in Guangzhou's 'Urban Villages'"

Advisor: Dr. Mi Shih, School of Planning and Public Policy, Rutgers University

- Method(s): Interview
- Result(s): Urban villagers formed a collective identity based on a shared experience of unequal access to public services and perceived limited social mobility.

**South China University of Technology: University Sponsored Research** 01/2014 - 09/2014

"An Evaluation of Guangzhou's New Energy Vehicle Subsidy Policy"

Advisor: Dr. Ye Tuo, School of Public Administration, SCUT

- Method(s): Questionnaire Survey & Interview
- Result(s): The subsidy policy boosts consumer demand for electric vehicles. However, future efficacy relies on investment in charging infrastructure and technologies that enhance electric vehicles' usability.
- Funded by the university research grant awarded to selected students' research groups following submission of an original research proposal and an oral defense.

## Teaching Experience

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### **The Chinese University of Hong Kong**

09/2017 – 07/2019

Tutor and Teaching Assistant

- Host undergraduate tutorial classes, typical duties include:
  - Giving mini-lectures (15-30 minutes)
  - Hosting students' presentations and discussions
  - Responding to questions related to exams, projects, assignments, and lectures
- Conduct personal learning with students who need special attention
- Work with the instructor to develop course syllables
- Mark and record students' assignments, papers, and exams
- Perform administrative duties such as supervising students during field trips

## Selected Doctoral Level Coursework

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### **Advanced Theory (SOC16001)**

A detailed introduction to foundational theoretical questions and positions in sociology.

### **Advanced Methodology (SOC16002)**

An intensive training course on the logic of theory construction and evidence building in empirical sociology.

### **Advanced Statistical Analysis (SOC16003)**

Cover advanced social science modeling techniques like longitudinal data analysis and event history analysis.

### **Advanced Qualitative Methods (SOC16004)**

Examine qualitative research methods such as case and informant selection, field experiences, interview techniques, writing field notes, and analyzing qualitative data.

### **Guided Studies I: Deviance and Crime (SOC16010)**

A project in a specific field in Sociology, either in empirical research or in reviewing the literature of an advanced topic. This course prepares Ph.D. students for the Candidacy Exam.

## Data Science Qualifications

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**Data Science: Foundations Using R Specialization**      John Hopkins University on Coursera  
Certificate: [coursera.org/verify/specialization/49LAVH38VSFG](https://coursera.org/verify/specialization/49LAVH38VSFG)

**Practical Machine Learning**      John Hopkins University on Coursera  
Certificate: [coursera.org/verify/GDJZ62RU79C8](https://coursera.org/verify/GDJZ62RU79C8)

**Data Science: Machine Learning**      Harvard University on edX  
Certificate: <https://courses.edx.org/certificates/14909d9abf914385945f1feca088ad32>

## English Proficiency Qualifications

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**Duolingo English Test**      12/2021  
Total Score: 145/160      Advanced Level, Equivalent to CEFR C2 or TOEFL 119  
Certificate: <https://certs.duolingo.com/cdea9eecdad85a24bb7cb98bc26fcb52>

**TOEFL iBT**      09/2016  
Total Score: 110/120

## Test Score

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**GRE**      09/2016  
Total Score: 326/340      Verbal: 160/170 & Quantitative: 166/170