Yi Cui

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RESEARCH
INTERESTS

Microeconomic theory, political economics, statistical methods for large datasets, statistics for public policy

EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

Ph.D. Student, Economics, (expected graduation date: May 2025)

Fudan University, Shanghai, CN

B.A., Economics (with Distinction), June, 2020

PUBLICATIONS AND
PATENTS

Yi Cui, Health detector based on intelligent mobile terminal. 2019. IPC Classification Number: A61B5/00, Patent Number: CN209611107U, National Patent-S, CN

Yi Cui, Health detector based on intelligent mobile terminal and detecting method of health detector, 2019. IPC Classification Number: A61B5/00, Patent Number: CN109316169A, National Patent-F, CN

ACADEMIC
EXPERIENCE

University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

Graduate Student   **August, 2020 - present**
Includes current Ph.D. research, Ph.D. and Masters level coursework and research/consulting projects.

Fudan University, Shanghai, CN

Undergraduate Student   **September, 2015 - June, 2020**
Includes FDUROP research, and coursework and research projects.

Research Assistant   **September, 2017 - August, 2020**
Duties at various times have included weekly meeting and leading research works.
- Advisor: Xiao Wei, [Presentation Slides 2018], Xi Yuan Program #18502, FDUROP.
- Advisor: Shuyu Zhang, Xi Yuan Program #17441, FDUROP.

Teaching Assistant   **August, 2019 - August, 2020**
Duties at various times have included office hours and leading weekly exercises.

- Econometrics [Syllabus 2020], Advisor: Shi Qiu, Summer 2020.
- International Finance [Syllabus 2020], Advisor: Sihao Chen, Summer 2020.
- Macroeconomics (EMAE620005.01) [Syllabus 2020], Advisor: Shi Qiu, Spring 2020.
- Principle of microeconomics (SOSC120020.01) [Syllabus 2019], Advisor: Yu Liu, Fall 2019.
- Econometrics (EMAE620009.01) [Syllabus 2019], Advisor: Huailu Li, Fall 2019.

The Chinese University of Hong Kong, Hong Kong, CN

Junior Research Assistant   **June, 2019 - September, 2019**
Includes weekly meeting, and research projects.
- Advisor: Jimmy Chan, [Presentation Slides 2019].

University of California, Los Angeles, Los Angeles, CA, USA

Research Assistant **September, 2017 - December, 2017**

Includes weekly meeting, and research projects.

- Advisor: Wotao Yin, [Presentation Slides 2017].

CONFERENCE PRESENTATIONS

Yi Cui. 2020. Dynamic Hedging Under Expected Utility and Kreps-Porteus Preference Models. The Ninth China Youth Economic Forum, Peking University, Beijing, CN.

Yi Cui. 2019. The Impact of Green Credit on the Development of Regional Industrial Structure. The Seventh SIIFC International Forum, Shanghai, CN.

Yi Cui. 2019. The Impact of Green Credit on the Development of Regional Industrial Structure. The Eighth China Youth Economic Forum, Peking University, Beijing, CN.

HONORS AND AWARDS

Fudan University: graduated Summa Cum Laude, Honors in Economics, China, 2020

Silver Medal of National Mathematics Competition, China, 2019

Xi Yuan Scholar, Fudan University, China, 2017 - 2019

First Prize Scholarship, Outstanding Student Scholarship, Fudan University, China, 2016 - 2019

Outstanding Student, Fudan University, China, 2016 - 2019

Yingfan Wu Scholarship, Top scholarship in the School of Economics, Fudan University, China, 2018

Second Prize of National College Students' Mathematical Modeling Contest, China, 2016, 2018

Third Prize of Computer Programming Contest, Fudan University, China, 2016

COMPUTER SKILLS

- Statistical Packages: R, S-Plus, BUGS; some experience with SAS; extensive use of C and Fortran statistical libraries.
- Languages: C++, MATLAB, some use of Unix shell scripts, MPI parallel processing library.
- Applications: Generic Mapping Tools (GMT) - Unix mapping software, LaTeX, common Windows database, spreadsheet, and presentation software
- Algorithms: Experience programming Markov Chain Monte Carlo simulations of Bayesian posterior distributions
- Operating Systems: Unix/Linux, MacOS, Windows.