

Yu Zhou

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EDUCATION

Wuhan University, School of Economics and Management

M.S. in Finance & B.S. in Mathematics

- GPA: 89.64/100

Wuhan, China

09/2017–present

Wuhan University, School of Economics and Management

B.A. in Economics & B.S. in Mathematics

- Hong Yi Program
- GPA: 3.93/4.00
- Bachelor Theses (Adviser: Prof. Bo Chen):
 - Econ: Caps on All-Pay Auction with Stochastic Abilities
(Awarded the Outstanding Bachelor Thesis in Hubei Province)
 - Math: Could Bid Cap Control Bankruptcy Rate?

Wuhan, China

09/2013–06/2017

PAPERS

Working Papers:

- Yu Zhou, "Caps on All-Pay Auction with Stochastic Abilities", presented at the Annual Meeting of the Chinese Association of Quantitative Economics, Nanchang, 2017
- Yu Zhou, "Could Bid Cap Control Bankruptcy Rate?", working paper, 2017

Work in Progress:

- Jingbo Cui and Yu Zhou, "Common Institutional Ownership and Cooperation in Innovation", 2018

RESEARCH EXPERIENCE

Common Institutional Ownership and Cooperation in Innovation

PI: Prof. Jingbo Cui

Research Assistant

04/2018–Present

- Collect and clean China patent application dataset, public firms' institutional investors dataset, and public firms' economic information dataset.
- Match them on stockcode and year.
- Employ a difference-in-differences design (DID) around the CSI 300 index boundary to explore the effects of institutional common ownership on technological cooperations among the public firms.
- Split samples to examine robustness, heterogeneity and possible mechanisms.

Impacts of US's withdrawal from the Paris Climate Change

Research Assistant

Agreement on global energy markets and green innovation

PI: Prof. Jingbo Cui

08/2018–09/2018

- Collect data of global new energy policies and new energy-related patent applications.
- Employ a ARMA model to examine whether and to what extent a new energy policy can facilitate applications of new energy-related patent.

Productivity, Export and Environmental Performance: Air Pollutants in the United States

Research Assistant

PI: Prof. Jingbo Cui

12/2014–03/2015

- Collect air emission data from the NEI database and facility economic characteristics data from the NETS database, and use Stata to match them based on the DUNS number, geographic location, Zip Code, and Country Code.

A Theory of Private Economics

Research Assistant

PI: Prof. Wei Zou

11/2017–03/2018

- Use Python to fetch economic data (encompassing four dimensions of natural environment, infrastructure construction, market economy, social life, with a total of 48 variables over a time span of 12 years).
- Apply principal component analysis to pinpoint the key factors that determine private investment.
- Conduct regression analysis to figure out the impact each factor has on the outcome.

TEACHING EXPERIENCE

Financial Accounting

Teaching Assistant

Instructor: Prof. Bo Chen

09/2016–01/2017

- Prepare problem sets of homework and quiz. Grade the assignments and examinations.
- Lecture about exercises lessons in English. Arrange the class discussion in related topics.
- Teach VBA. Topics taught include syntax, object, data structure and so on.

INTERNSHIP EXPERIENCE

Changjiang Securities, Information Disclosure Department

Assistant

Head: Lina Zuo

12/2016–04/2017

- Help limited companies disclose informations, like preparing announcements and so on.
- Do some financial analysis on annual reports.
- Examine the historical performance of some quantitative investment strategies by running them on the back-test system.

HONORS & AWARDS

Outstanding Bachelor Thesis (Top 3%), Hubei Province	2017
Second-Class Scholarship (Top 5%)	2014, 2015, 2016
First-class Freshman Scholarship (Top 5%)	2013
Study Star of "Hongyi" Program (Top 5%)	2014, 2015, 2016

SEMINAR & CONFERENCE PRESENTATIONS

Annual Meeting of the Chinese Association of Quantitative Economics, Nanchang(China), Oct. 2017

SERVICE

Volunteer of the 2017 Annual Meeting of China Society of Industrial Economics, Wuhan(China), Oct. 2017

CONTESTS

Mathematical Contest In Modelling, Interdisciplinary Contest In Modeling
Citi Financial Innovation Application Competition