

# HAO YANG

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## EDUCATION

### Università Bocconi

Milan, Italy

MSc. in Economics and Social Sciences

Sept 2021 – Present

- Awards: Bocconi Graduate Merit Award (2021)

### Zhongnan University of Economics and Law

Wuhan, China

B.Sc. in Public Economics

Sept 2017 – Jul 2021

- GPA: 3.70/4.00
- Junior Year Academic Score Ranking: 1/60
- Selected Awards: Excellent Undergraduate (2021), Excellent Graduation Thesis (2020), Excellent Student Cadre (2020), Third-class Scholarship (2019), Excellent Student Cadre (2018), Second-class Scholarship (2018)

## PUBLICATIONS

1. **Hao Yang:** *An empirical analysis on spatial effects of environmental protection*, **Journal of King Saud University - Science** (DOI: <https://doi.org/10.1016/j.jksus.2021.101525>)
2. **Hao Yang:** *Research on Environmental Issues from the Perspective of Technological Progress*, 3rd International Conference on Economic Management and Green Development. (ISBN: 978-1-989348-23-9)

## RESEARCH & PROJECT EXPERIENCE

### University of Cornell, Department of Economics

Ithaca, NY, USA

Research Assistant to Ph.D Candidate Zihan Hu

Sept 2021 – Present

#### *Work safety accidents and promotion of officials in China*

- Using China Work Safety Database and Official information database to study official promotion tournaments in China.
- Focus on “Production safety responsibility system” and “Production safety one vote veto system”

### Zhongnan University of Economics and Law, Department of Public Finance

Wuhan, China

Research Assistant to Professor Yuanping Lu and Professor Ying Zhao

Aug 2019 – Jul 2021

#### *China's Reforms on Agricultural Tax and the Accumulation of Human Capital*

- Focus on the influence of the cancellation of agricultural tax on certain human capital elements.
- Study on schooling and labor market consequences of integrating education resources in rural areas of china— based on dismantling teaching points experiment.
- Focus on rural compulsory education and rural human capital accumulation.

### University of Michigan, College of Literature, Science, and the Arts

Ann Arbor, MI, USA

Research Assistant to Dr. Ark Fangzhou Zhang

Aug 2019 – Feb 2021

#### *Social Spillovers in Movie Consumption and Study on Learning Behavior*

- Participated in research projects studying user behavior on an open content platform (Wikipedia) and a review platform (IMDb) using machine learning and econometrics.
- Used Python and Stata to process high-dimensional data via machine learning methods (LASSO).
- Explored whether there is learning behavior in social spillover effect in American movie consumption.

### Yale University

New Haven, USA

Student to Professor Edward Vytlačil

August 2020 – October 2020

#### *Applied Econometrics and Data Analysis Program*

- Applied econometrics course focused on estimation, including justification and implementation of estimation method and interpretation of results.
- Discussed a large number of practical applications of Econometrics and Data science in economics such as the impact of conditional cash transfer programs on student enrollment.
- Produced a research proposal which uses machine learning and DID to estimate the effects of the policy.

### Imperial College London Business School

London, UK

Student to Professor Paolo Zaffaroni

May 2020 – Jul 2020

#### *Financial Modelling Program*

- Focused on financial econometrics and econometric theory.
- Used software (R) to analyze time series data by various financial models.

**Zhongnan University of Economics and Law, Department of Public Finance**

Research Assistant to Professor Jinghuan Liu

Wuhan, China

Mar 2019 – Jul 2020

***An Empirical Analysis of Spatial Effects of Sustainable Environmental Protection Expenditure***

- Empirically examined the spatial effects of fiscal expenditure on environmental pollution among 30 provincial governments in mainland China.
- Used various methods: Moran index, local Moran index and spatial Durbin model.
- Found that the competition of environmental protection expenditure has spill-over effect.

**COMPUTER AND LANGUAGE SKILLS**

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- **Statistics:** Stata, R, MATLAB, LATEX      **Programming:** Python
- **GRE:** 331 (Verbal 161; Quantitative 170; AWA: 3.5)