

# Chengrui (Vincent) Wang

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Homepage: <https://wcrisdog.github.io/home/>

## Education

### Home University: Fudan University

Shanghai, CN  
Graduate in 06/2026

- GPA: 3.91/4.00, Class Rank: 1/42, School Rank: 3/371

- Honors:

National Scholarship in the 2023-2024 term

Excellent Student in the 2022-2023 term

## Research

### Selected Research Assistantship

#### The Incidence of Distortions

Cambridge, MA

*Advisor: David Atkin, Professor from MIT*

10/2024-NOW

- Perform statistical matching between Chile's national survey data and government's administrative tax data to incorporate the informal production and consumption of the economy with PYTHON
- Ensure matching accuracy by comparing the distribution of variables over demographics with graphs
- Clean Microentrepreneurship Survey (EME), Supplementary Survey of Income (ESI) and Household Budget Survey (EPF) with STATA

#### Emigration during Turbulent Times

Shanghai, CN

*Advisor: David Young, Professor from Harvard University*

03/2024-05/2024

- Retrieve information of land value from the official website of Shanghai Municipal Archives
- Use PYTHON to extract values from the screenshots of the Land Assessment Schedule and clean the raw data into structured format, facilitating the analysis of land price's impact on emigration

#### School Merging, Student Behavior and Social Norms

Shanghai, CN

*Advisor: Sharon Xuejing Zuo, Associate Professor from Fudan University*

10/2023-07/2024

- Collect papers around gender bias with ZOTERO and write a comprehensive literature review around gender bias with LaTeX
- Lead a team to collect data from county annuals and clean the data with STATA

### Collaborative Research

#### DIRT: The Distributed Intelligent Replicator Toolkit

Cambridge, MA

*Collaborator: Aaron Walsman, Postdoc from Kempner Institute, Harvard University*

11/2024-05/2025

- Design and implement a highly configurable grid world dynamics with multiple sensor types, complex terrain, water features, and a climate system with PYTHON
- Simulate mobile agents in the environment that must consume resources in order to survive and reproduce
- Paper accepted into the Late Breaking Abstract of Artificial Life conference

### Individual Research

#### How Setting Up Girls' Schools in 1900 China Affects Gender Norms and Labor Supply

Shanghai, CN

*Advisor: Dan Li, Professor from Fudan University*

09/2023 – 01/2024

- Retrieve datasets from the school's library and clean the data with R
- Quantify the effect for different regions in 1900 China with PYTHON and visualize the result
- Depict trends in different times with different policies and their further implications

## Experience

**Shenzhen Shopee Information Technology Co., Ltd.**  
**Summer Internship – Data Analyst**

Shanghai, CN  
06/2025 – 09/2025

- Guide a project on “LFF (Local Fulfilment) Policy Analysis”, building a comprehensive causal model to analyze policy effects and integrating the model with AI agents for easier usage
- Build AI agents with company platform to streamline workflow, including connecting data between google sheet and PYTHON notebook
- Give feedback to Notebook platform PM for data analysis optimization and better AI integration

**Overseas Exchange**  
**Harvard University Visiting Undergraduate Student**

Cambridge, MA  
08/2024-12/2024

- Coursework: The Microeconomics of Development (Grade A); Introduction to Reinforcement Learning (Grade A); Applied Bayesian Statistics (Grade A-); Real Analysis (Grade A)

**Fudan International Summer Session**  
**Teaching Assistant of the Course *Banking and Financial Technology***

Shanghai, CN  
07/2024

- Collaborate with Professor Felix Irresberger from Durham University on course content preparation
- Help with grading of students’ problem sets and exams and hold office hours with the professor

**Harvard Summit for Young Leaders in China**  
**Teaching Fellow and House Leader**

Shanghai, CN  
07/2023 – 08/2023

- Discuss with Eduardo Vasconcelos, a graduate student from Harvard University, to deliver a course on entrepreneurship and social-impact startups
- Design class activities for different class types and recommend additional case studies to help students understand how they could navigate team-building, business plans, and the ESG framework
- Organize house bondings with other teammates to build sense of honor within houses with house cheers, house games and house farewell meetings

## Leadership & Activities

**Fudan Floorball Association**  
**Co-Founder/President**

Shanghai, CN  
09/2023 – 06/2024

- Recruit and build the first core team of Fudan Floorball Association
- Publicize through different channels and attract students for weekly training and competition at province level
- Whole Association over 100 members

**Leader of Mathematical Contest in Modelling**  
**Meritorious Award**

Shanghai, CN  
01/2025

- Develop a data-driven model for medal counts prediction in the upcoming Los Angeles Olympics with PYTHON
- Classify countries based on their historical medal performance and apply distinct predictive approaches to different cases
- Enhance model robustness by accounting for special factors such as the "Great Coach" effect

## Skills & Interests

**Technical:** Python, STATA, R, SQL, Gephi, MATLAB

**Language:** GRE 339/340, TOEFL 108/120, The Most Impressive Award in Classic English Speech Competition

**Interests:** Strategic board games, Sports, Reading