

# WENHUI LYU

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Personal Website: [karenlyu21.github.io](https://karenlyu21.github.io)

## EDUCATION

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### Peking University

Bachelor of Laws in PPE (Philosophy, Politics and Economics)

Beijing, China

Sep. 2018 – Jul. 2022

- GPA: 92/100 (rank 2/37); admitted on basis of performance on National Biology Olympics (NBO)
  - Selected course scores: Advanced Mathematics (95/100, taught calculus); Applied Statistics (96.5/100, taught SPSS); Introduction to computing (94/100, taught Python)
- Selected awards: National Scholarship (top 0.2% in China), Pivot of Merit Student (top 2% at PKU) (awarded to those with outstanding overall performance)

## WORK AND RESEARCH EXPERIENCE

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### Terminology Network in Kant's *Critique of Pure Reason*

Independent Project: <https://karenlyu21.github.io/bert.html>

Beijing, China

Sep. 2019 – Present

- Programming languages: Python, HTML, CSS.
- Used Traditional NLP methods to preprocess the texts and extracted statistically significant terms.
- Used the PyTorch framework to train a BERT model (German-cased pretrained) on Kant's works.
- After training, my model's accuracy of predictions is 563/563.
- Got the semantic vectors of the terms and built a network of terminology: <https://karenlyu21.github.io/net.html>.
- Carried out my duties as a TA to help the students in my subclass to understand Kant.

### Department of Philosophy, Peking University

TA to Professor Wu Zengding for *Plato's Republic*

Beijing, China

Mar. 2019 – Jun. 2019

- Instructed a sub-class (16 students) during weekly one-hour discussions; attended to course-related questions after class
- An exception made by the professor and Department of Philosophy that a sophomore filled the role of TA for outstanding academic performance
- Final papers written by the students from my sub-class were rated more highly than those from all the other 6 sub-classes, all of which were instructed by graduates or senior students.

### Department of Philosophy, Peking University

TA to Professor Nan Xing for *History of Western Philosophy II*

Beijing, China

Sep. 2021 – Present

- Currently instructing a sub-class (6 students) during biweekly two-hour discussions; attending to course-related questions after class; grading essays.

### Center of Western Classics, Peking University

RA to Professor Zhang Xingang

Beijing, China

Oct. 2020 – Apr. 2021

- Helped revise the professor's manuscript on Herodotus.

### Department of Philosophy, Peking University

Independent Research under instruction of Professor Wu Zengding

Beijing, China

May 2020 – Present

- Schematism in Kant's *Critique of Pure Reason*
- Awarded Principal's Fund for Undergraduate Academic Research, New Humanities Scholarship and the Second Prize of Research Scholarship for Undergraduates from Yuanpei College (the only Humanities student among the winners of the First and Second Prizes).

### Center of Western Classics, Peking University

Independent Research under instruction of Professor Zhang Xingang

Beijing, China

Dec. 2019 – May 2020

- Plato's *Sophrosune* in *Republic* and *Charmides*
- Awarded the Second Prize in the Challenge Cup. (Top 2 in Yuanpei College).

## LEADERSHIP AND COMMUNITY ACTIVITIES

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### Undergraduate class in PKU

Vice President

Beijing, China

Sep. 2019 – Sep. 2020

### Dean's office in Yuanpei College

Student Assistant

Beijing, China

Sep. 2019 – Jan. 2020

### Center for Excellent Teaching and Learning, Peking University

Student Representative

Beijing, China

Oct. 2019 and Oct. 2020

- Invited twice to give a lecture on "Knowing PKU Students" to professors who newly joined PKU

## ADDITIONAL INFORMATION

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- Interests: Passionate about Yoga (practice regular for more than 1 year), voluntary work (did various voluntary work throughout my college), soccer (a fan of Real Madrid for more than 7 years), creative writing related to philosophy (throughout my undergraduate study)
- Studied college-level biology intensively for two years during high school, admitted to Department of Biology in PKU on basis of performance on National Biology Olympics (NBO), switched to PPE one year after
- Other Computer Skills: SPSS, MS Office Suite
- Languages: Native Mandarin Chinese speaker, Proficient English Speaker (TOEFL 111), Fluent German Speaker (German CEFR B2 Goethe Zertifikat)