SHI FENG

(+86) 188-0135-2775 ● fengs19@mails.tsinghua.edu.cn ● GitHub ● Linkedin

EDUCATION

Tsinghua University, Beijing, China   08/2019 – 07/2023 (expected)

Institute for Interdisciplinary Information Sciences

- Selected to Tsinghua Xuetang Special Pilot CS Class, directed by Prof. Andrew Yao.
- Admission given by *Gold Medal* in the National Olympiad of Mathematics 2018.
- Overall GPA: 3.88/4.00.
- Rank: 40%.
- Specialized courses with A or A+: Introduction to Artificial Intelligence, Calculus A(2), Abstract Algebra, Mathematics for Computer Science, Causal and Statistical Learning, Introduction to Databases.

Wuhan No.2 High School, Wuhan, China   08/2016 – 07/2019

Olympic Competition Class

- Member of the Chinese National Team of in Russian Mathematical Olympiad.
- Member of the Chinese Training Team of in International Mathematical Olympiad.
- Member of the Hubei Province Team in Chinese Mathematical Olympiad.

AWARDS

· **Top Grade Prize of 39th Challenge Cup, Tsinghua University**	04/2021
· **Comprehensive Excellence Award, Tsinghua University**	10/2020
· **Freshman Scholarship, Tsinghua University**	10/2019
· **Silver Medal in Russian Mathematical Olympiad (eleventh grade group)**	04/2019
· **Chinese Mathematical Olympiad Gold Medal**	11/2018
· **First Prize in Chinese National High School Mathematics Contest**	10/2016, 10/2017, 10/2018

RESEARCH INTEREST

My research interests are mainly causal inference theory, the application of causal inference in social network problems and machine learning.

At the same time, I have some experience in website construction and maintenance. I am willing to deal with some simple web and linux system related issues in my spare time.

EXPERIENCE

Internet Graphics Group, Microsoft Research Asia   10/2020 – Present

Star of Tomorrow Internship Program

- Topic: Social Network and Causal Inference.
- Mentor: Prof. Wei Chen.
- Understand and sort out documents related to identifiability, and rewrite the proof of do calculus completeness.
- The identifiability in the independent cascade model and the conversion between isolated effects and activated effects are being studied.

SKILLS

- **Programming Languages:** Python, SQL, R, Mathematica, Verilog, Bash, HTML/CSS, C/C++ (ranked by proficiency)
- **Tools and Frameworks:** Git, LaTeX, PyTorch, Keras, Matplotlib, MySQL
- **Languages:** Chinese (native), English (fluent)
- **Sports:** Handball, Soccer, Basketball
- **Skills:** Manual transmission small car driving (C1 license), Weiqi (amateur first step)