

ZHEYU ZHANG

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✉ Zijing Dormitory, Tsinghua University, 100084 📍 Beijing, China

EDUCATION

Undergraduate (Bachelor of Engineering)

IIS (Yao Class), Tsinghua University

📅 September 2020 – June 2024 📍 Beijing, China

- "Yao Class", founded by Prof. Andrew Yao (Turing Award, 2000).
- GPA 3.952 / 4.00, ranking **1st** out of 23 in my class and **5th** out of 76 in the department.

Visiting Student (non-degree)

MIT-IBM Watson AI lab, Massachusetts Institute of Technology

📅 February 2023 – August 2023 📍 Boston, US

- Advised by Prof. Joshua B. Tenenbaum and Chuang Gan.

SELECTED HONORS

- **Yao Award (Bronze Medal)** 📅 2023
The "Yao Award" is established by IIS (Yao Class) with the aim of acknowledging the comprehensive achievements of Yao Class students over a span of three years. There is 1 gold medal, 3 silver medals, 5 bronze medals, and 7 nominations. (top 9 of 76)
- **Annual Comprehensive Excellence Award** 📅 2022
Annual, Yao Class, (top 20%)
- **Annual Comprehensive Excellence Award** 📅 2021
Annual, Yao Class, (top 20%)

RESEARCH EXPERIENCE

Large Language Model

MIT-IBM Watson AI lab, Massachusetts Institute of Technology

📅 10/2022 – 01/2023 📍 (remote) Beijing, China

📅 02/2023 – 08/2023 📍 Boston, US

📅 09/2023 – Now 📍 (remote) Beijing, China

- Zheyu Zhang visited the MIT-IBM Watson AI Lab from February 2023 to August 2023. He worked closely with Chuang Gan and Yikang Shen, receiving hands-on mentoring and having two regular meetings each week.
- In addition to his on-site engagement, Zheyu Zhang also gained valuable remote experience in Beijing both before and after his visit.

Algorithm, Auto ML, Tabular Data

ADL Group @ IIS, Tsinghua University

📅 10/2021 – 01/2023 📍 Beijing, China

- Zheyu Zhang was a member of the ADL Group @ IIS, where he actively contributed from October 2021 to January 2023. During this period, he collaborated closely with Ph.D. Tianping Zhang and received guidance from Prof. Jian Li.

LANGUAGE SKILLS

TOEFL MyBest Scores: Total 102

Reading 28, Listening 25, Speaking 22, Writing 27.

PUBLICATIONS

Unbiased Gradient Boosting Decision Tree with Unbiased Feature Importance

Z Zhang*, T Zhang*, J Li

📅 IJCAI 2023 📍 Accepted

OpenFE: Automated Feature Generation beyond Expert-level Performance

T Zhang, Z Zhang, Z Fan, H Luo, F Liu, W Cao, J Li

📅 ICML 2023 📍 Accepted

Autonomous Tree-search Ability of Large Language Models

Z Zhang, Z Ye, Y Shen, C Gan

📅 ICLR 2024 (under review)

ModuleFormer: Learning Modular Large Language Models From Uncurated Data

Y Shen, Z Zhang, T Cao, S Tan, Z Chen, C Gan

📅 arXiv 📍 preprint

ACHIEVEMENTS

ICPC & CCPC & Olympiad in Informatics

1st CCPC Final 2021
i.e. the top collegiate programming contest of CCPC series in China

5th EC-Final 2021
i.e. the top collegiate programming contest of ICPC series in China

1st ICPC-Regional Jinan 2020
ICPC-Regional Contest

2nd ICPC-Regional Macau 2021
ICPC-Regional Contest

3rd ICPC-Regional Jinan 2021
ICPC-Regional Contest

2nd NOI 2019
(Chinese) National Olympiad in Informatics

9th NOI 2018
(Chinese) National Olympiad in Informatics

Others.

1st HackPKU 2021
Hackathon held by Peking University

1st Baidu Astar 2019
programming contest held by Baidu

2nd Baidu Astar 2018
programming contest held by Baidu