

## Borui KANG

Department of Civil Engineering  
30 Shuangqing Road, Xin Tu Mu Guan 332  
Beijing, 100084  
China

Cell: +86 13011089255  
E-Mail: kbr19thu@gmail.com  
Alternate E-Mail: 1794506440@qq.com

### Education

---

**Tsinghua University**

- **B.E., Department of Civil Engineering**

**Beijing, China**

August 2019 - June 2023

### Research interests

---

- Deep learning, especially computer vision
- Medical image analysis
- AI for engineering
- AI for science

### Publications

---

1. Zheng, Z., Kang, B. R., Yuan, Q. T., Zhou, Y. C., Lu, X. Z., & Lin, J. R. (2023). Text Mining-Based Patent Analysis for Automated Rule Checking in AEC Check for updates. *Advances in Information Technology in Civil and Building Engineering: Proceedings of ICCBE 2022-Volume 2*, 358, 11.

### Awards and Honors

---

Excellent graduate of Tsinghua University	06/2023
Comprehensive Excellence Award of Tsinghua University	12/2022
Outstanding winner of the Fourth Mao-YiSheng Charity Bridge Innovation Design Competition	07/2022
Honorable Mention of 2022 Mathematical Contest In Modeling	05/2022
First prize of the 6th Tsinghua University Future City and Infrastructure Innovation Competition	04/2022
Comprehensive Excellence Award of Tsinghua University	12/2021
Excellence Award in Science and Technology Innovation of Tsinghua University	12/2021
Second Prize for Outstanding Project in the 2021 Student research Training (SRT) Program	12/2021
First prize, the most valuable award, the best creative award of the 15th Tsinghua University Traffic Science and Technology Competition	05/2021
Excellence Award in Social Work of Tsinghua University	12/2020
Excellence Award in Volunteer and Public Service of Tsinghua University	12/2020

### Professional associations

---

Student Association of Science and Technology of Department of Civil Engineering Tsinghua University,	
A Student Branch of The American Society of Civil Engineers	2020-2023
Student Association of Science and Technology of Tsinghua University	2021-2022



### **Leadership at THU**

---

Student Association of Science and Technology of Department of Civil Engineering Tsinghua University	
• Vice-president	01/2022 - 12/2022
• Section head of the Science and Innovation Center	01/2021 - 12/2021
• Member of the Science and Innovation Center	01/2021 - 12/2021

Soccer Team of Department of Civil Engineering Tsinghua University

- Captain 06/2022 – 05/2023

### **Volunteer work**

---

Accumulated working hours: 320 hours

Volunteer of <b>Beijing Winter Olympic and Paralympic Games</b>	01/2022 - 03/2022
Integrated teaching volunteer	09/2021
Volunteer of Tsinghua University entrance examination	07/2022
Volunteer of Tsinghua University special-type entrance examination	01/2021
Volunteer tutoring activities for high school students in poor areas	09/2020
Volunteer of welcome activity of Department of Civil Engineering of Tsinghua University	09/2020
Online teaching volunteer of Tsinghua University	05/2020
Volunteer servicing for blood donors	11/2019
Volunteer explanation activities on campus	10/2019
Volunteer service project of Beijing West Railway Station	10/2019
Blood donations for 6 times	09/2019 - now