

Wenqian Zhang

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Research Interest

- Natural Language Processing
- Knowledge Graph
- Deep Learning
- Machine learning algorithm

Education Background

Xi'an Jiaotong University, majoring in Computer Science and Technology
Overall GPA: 83.4

2019 - Present



Standard Test & Skills

English:

- CET (College English Test) Band 4: 588
- CET (College English Test) Band 6: 545
- IELTS: 7 (R 8 / L 7.5 / S 6 / W 6)

Computer:

- Sophisticated experience in Python
- Competent in C, C++, MATLAB and JAVA in common use
- Capable of WeChat Mini Program developing

Publication

- **KCD: Knowledge Walks and Textual Cues Enhanced Political Perspective Detection in News Media**
Wenqian Zhang*, Shangbin Feng*, Zilong Chen*, Zhenyu Lei, Jundong Li, Minnan Luo
Accepted at NAACL 2022 main conference
- **Knowledge Graph Augmented Political Perspective Detection in News Media**
Shangbin Feng*, Zilong Chen*, Wenqian Zhang*, Qingyao Li, Qinghua Zheng, Xiaojun Chang, Minnan Luo
Arxiv 2021: <https://arxiv.org/abs/2108.03861>

Research Experience

Member of LUD (Luo lab Undergraduate Division), Xi'an Jiaotong University 9.2021 - Present

- Study graph and knowledge implement in NLP.
- Study graph and external knowledge enhanced stance detection.
- Study solving spoiler detection with graph neural network and knowledge graph.

NUS Summer Workshop (Topic: Artificial Intelligence of Things), Co-leader of the group 5.2021 - 7.2021

- Design a Smart home Air condition Control System and won a third price of Artificial Intelligence of Things (5/19 all world workshop teams in 2021)
- Realize communication between Raspberry Pi and PC, Code backend of control system by Python
- Use Linear regression to generate PMV model

Circuit calculator designed by MATLAB

9.2020 - 12.2020

- Calculate circuit via node-voltage analysis
- Simplify circuit via Thevenin's theorem
- Analyze dynamic circuit and plot transient response

My notepad designed by JAVA, Co-leader of the group

3.2021 - 4.2021

- Design main frame work
- Realize picture insert and adjustment

Extracurricular Activities**Golden Autumn English corner, Volunteer**

11.2019

Yixing Racing Team, Member of Frame department.

11.2019 – 9.2020

- Participate in designing car frame with Solidworks and Catia
- Participate welding frame

Zhongyin Academic counseling Association, Secretary

9.2020-

- Edit Engineering drawing brochure and Circuits brochure
- Participate in Q&A

Aid education for Renhe high school online

8.2020

Zhongyin Basketball team

9.2019 – 6.2021

Honors and Awards

Honorable Mention in Mathematical Contest in Modeling

2021

2019-2020 academic year Third-Class scholarship

2020

First prize at the provincial level of Contemporary Undergraduate Mathematical Contest in Modeling

2020

Honored volunteer of Golden Autumn English corner

2019

Family Members

- Father, Baolin Zhang: professor in College of Materials Science and Engineering, Guilin University of Technology
- Mother, Jihong Li: researcher in College of Arts, Guilin University of Technology
- Sister, Tianchan Ren: Ph.D. student in Law School, Peking University
- Sister, Tianpei Ren: Ph.D. student in School of Public Policy & Management, Tsinghua University

My family is always keen on reading and exchanging opinions, strongly supports me to raise questions and to do research, and offers me instructions and patience to discover something meaningful.

Others

I like playing basketball and participate in college basketball team. In holidays, I enjoy travelling and have driven to Qinghai Lake, Hukou waterfall of Yellow River. In Sept of 2017, with my family I travelled to CMU, Pittsburg University, Cornell University and New York University.