

# Kaipeng Zheng

University of Electronic Science and Technology of China, Chengdu, China

Homepage: [kaipengm2.github.io](https://kaipengm2.github.io) Email: [kaipengm2@gmail.com](mailto:kaipengm2@gmail.com)

---

## EDUCATION

University of Electronic Science and Technology of China Aug. 2020 – present

- Master student in Department of Computer Science and Engineering
- Research Interests: Few-shot Learning, Transfer Learning, Representation Learning
- Supervisor: Prof. Jie Shen

University of Electronic Science and Technology of China Aug. 2016 – Jul. 2020

- B.Sc in Computer Science and Technology (Honors College)
- GPA: 3.8/4

---

## EXPERIENCE

Yunxiaowei, CSIG, Tencent Jun. 2021 – Oct. 2021

- Research Intern, Task-oriented Sentence Matching in Chinese
- Supervisor: Dr. Gang Yuan

---

## PUBLICATIONS

- Kaipeng Zheng, Liu Cheng, and Jie Shen. *Boosting few-shot learning by self-calibration in feature space*. In M4MM @ ACM Multimedia 2022.
- Kaipeng Zheng, Liu Cheng, Jie Shen. *Dynamic Relation-Aware Multiple Instance Learning for Few-shot Learning*. In International Joint Conference on Neural Networks (IJCNN) 2022 (oral).
- Kaipeng Zheng, Jie Shen, Xin Xiong, Ying Li. *Posture Adaptive Helmet Wearing Detection On Construction Sites*. Automation in Construction 2022 (Under review).

---

## PROJECTS

- ACM Multimedia 2021 Grand Challenge: Video Ads Content Structuring, ranking: top 30
- Small-Molecule Drug Attribute Prediction Challenge, hosted by XtalPi and JD in 2020, ranking: 10 / 1882
- Xiamen International Bank Digital Innovation and Financial Modeling Cup 2020, ranking: 9 / 1876
- "Wutong Cup" China Mobile Big Data Application Innovation Challenge 2021, ranking: 5 / 1102
- China Undergraduate Mathematical Contest in Modeli (CUMCM) 2018, awards: First Prize of Sichuan Province

---

## SKILLS

- English: IELTS: 7.0, CET-6: 593
- Programming languages: Python, Matlab, C/C++, Java
- Tools: PyTorch, XGBoost, LightGBM