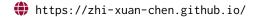
Zhixuan Chen, M.Phil.







Awards and Honors

Awards

2023.06	The HUANGKUN Scholarship	
2023.04	■ The Gratitude to Chinese Modern Scientists Scholarship	
2019-2020	The China National Scholarship	
2020-2021	The China National Scholarship	
2021-2022	The China National Scholarship	
2019-2020	■ The First-Class Excellent Student Scholarship	
2020-2021	■ The First-Class Excellent Student Scholarship	
2021-2022	■ The First-Class Excellent Student Scholarship	
2022.05	The Meritorious Winner Prize of Mathematical Contest in Modeling	
2021.08	The First Prize of National College Student Optoelectronic Design Competition	
2021	The First Prize of National College Student Mathematical Modeling Competition	
2020.12	The First Prize of National College Student Mathematics Competition	
Honors		
2023.06	The Outstanding University Graduate of Sichuan Province	

The **Outstanding University Graduate** of Sichuan Province The "Honorary Research" Title at the UESTC

■ The **Outstanding Undergraduate Thesis** of the UESTC

■ The **Honor of Distinguished Student** in the School of Optoelectronic Science

Featured in **People's Daily – Represented recipients** of the **China National Scholar-ship**, awarded to **only 100 students nationwide**

The Outstanding Student Nominee of the UESTC, only 22 students university-wide

The **Outstanding Student** of the School of Optoelectronic Science, only 3 students

Research Publications

Journal Articles

2022.11

- Z. Chen, L. Luo, Y. Bie, and H. Chen, "Dia-llama: Towards large language model-driven ct report generation," arXiv preprint arXiv:2403.16386, 2024.
- S. He, Y. Nie, Z. Chen, *et al.*, "Meddr: Diagnosis-guided bootstrapping for large-scale medical vision-language learning," *arXiv preprint arXiv:2404.15127*, 2024.

Conference Proceedings

Y. Bie, L. Luo, Z. Chen, and H. Chen, "Xcoop: Explainable prompt learning for computer-aided diagnosis via concept-guided context optimization," in *International Conference on Medical Image Computing and Computer-Assisted Intervention*, Springer, 2024, pp. 773–783.

- C.-Y. Zhao, T.-J. Zhang, R. Ran, Z.-X. Chen, and L.-J. Deng, "Lgpconv: Learnable gaussian perturbation convolution for lightweight pansharpening.," in *IJCAI*, 2023, pp. 4647–4655.
- Z.-X. Chen, C. Jin, T.-J. Zhang, X. Wu, and L.-J. Deng, "Spanconv: A new convolution via spanning kernel space for lightweight pansharpening," in *IJCAI*, 2022, pp. 841–847.

Education

2023.09-present M.Phil., School of Engineering, HKUST

2019.09-2023.06 Undergraduate, School of Optoelectronic Science and Engineering, UESTC

Leadership and Services

Leadership

Team Leader, Electronic Design Project - New Engineering Innovation Exhibition

2021-2023 Class Leader, Elite Program - School of Optoelectronic Science and Engineering, UESTC

2020-2021 Vice President, Applied Electronics Technology Association - UESTC

2020-2022 Member, Dongliang Project Liren Class (Leadership Development Program) - UESTC

Services

2020.12 Volunteer, "Practicing Green and Low-Carbon" Energy-Saving Initiative - UESTC

2020.09 Volunteer, 2020 Orientation Program - School of Optoelectronic Science and Engineering