

Xingchen Zeng

PhD Student, Hong Kong University of Science and Technology, Guangzhou, China
xingchen.zeng@outlook.com — +86 17873172714 — Personal website: zengxingchen.github.io

RESEARCH INTERESTS

I am committed to advancing multimodal large language models for practical application scenarios, especially in 1) data visualization and 2) human-computer interaction.

EDUCATION

Hong Kong University of Science and Technology , Guangzhou, China	Sep 2023 — Current
PhD student in Data Science and Analytics, supervised by Prof. Wei Zeng and Prof. Wei Wang	GPA: 4.13/4.30

Central South University , Changsha, China	Sep 2019 — June 2023
Bachelor of Engineering: Data Science and Big Data Technology supervised by Prof. Jiazhi Xia	GPA: 91.13/100

ACADEMIC EXPERIENCE

Hong Kong University of Science and Technology	Guangzhou, China
<i>Research Assistant</i>	Oct 2022 — June 2023
Visualization Group of Central South University	Changsha, China
<i>Research Intern</i>	Apr 2021 — Sept 2022

PUBLICATIONS

- **Xingchen Zeng**, Ziyao Gao, Yilin Ye, Wei Zeng. IntentTuner: An Interactive Framework for Integrating Human Intentions in Fine-tuning Text-to-Image Generative Models. In *Proceedings of the CHI Conference on Human Factors in Computing Systems*, 2024. <https://doi.org/10.1145/3613904.3642165>
- **Xingchen Zeng**, Haowen Zhou, Zhicong Li, Chenqi Zhang, Juncong Lin, Jiazhi Xia, Yanyi Yang, Xiaoyan Kui. iHELP: Interactive Hierarchical Linear Projections for Interpreting Non-Linear Projections. *Journal of Visualization*, 26(3): 631-648, 2023. <https://doi.org/10.1007/s12650-022-00900-4>

AWARDS

Gold Medal for the International Genetically Engineered Machine Competition 2021	Paris, France
Best Software Tool for the International Genetically Engineered Machine Competition 2021	Paris, France
Microsoft Student Ambassador	China
Contributed to Antd, OIWiki, Kats, and other well-known open-source projects.	China

SKILLS

- **Programming:** Python (Pytorch, Flask) , JavaScript (Vue), SQL, C, Java, Shell, Git,
- **English:** IELTS (Academic) 7.0 (overall score)

REFERENCES

Prof. Wei Zeng

Assistant professor

E-mail: weizeng@hkust-gz.edu.cn

Scholar Profiles: Hong Kong University of Science and Technology (Guangzhou) — Google Scholar

Prof. Wei Wang

Professor

E-mail: weiwcs@ust.hk

Scholar Profiles: Hong Kong University of Science and Technology (Guangzhou) — Google Scholar

Prof. Jiazhi Xia

Professor

E-mail: xiajiazhi@csu.edu.cn

Scholar Profiles: Central South University — Google Scholar