Xingzhi **Zhou**

A PH.D STUDENT AT HKUST

HKUST, Water Bay, HK

☐ +852 54808904 | ✉ Xingzhi06Zhou@gmail.com | 🏠 XingzhiZhou.github.io | 🔗 https://github.com/XingzhiZhou | in
https://www.linkedin.com/in/xingzhi-zhou-715795254/

"What I cannot create, I do not understand" – Richard Feynman

Education

HKUST(Hong Kong University of Science and Technology)   *Hong Kong, China*

PH.D STUDENT IN COMPUTER SCIENCE   *Feb. 2020 – Now*

- Advisor: Prof. Nevin L. Zhang

Tokyo Institute of Technology   *Tokyo, Japan*

MASTER IN ARTIFICIAL INTELLIGENCE   *Sep. 2017 – Sep. 2019*

- Advisor: Prof. Tsuyoshi Murata
- MEXT scholarship student

UESTC(University of Electronic Science and Technology of China)   *Chengdu, China*

B.ENG. IN COMMUNICATION ENGINEERING   *Sep. 2012 – Jun. 2016*

- Yingcai Honors College (an elite undergraduate program, 70 out of 5500 selected top students)

POSTECH(Pohang University of Science and Technology)   *Pohang, S.Korea*

EXCHANGE STUDENT IN ELECTRICAL ENGINEERING   *Mar. 2014 – Jun. 2014*

- Sponsored by Global Korean Scholarship

Research Experience

HKUST Nevin Group   *Hong Kong, China*

PH.D STUDENT   *Feb. 2020 - Now*

- Supervisor: Prof. Nevin L. Zhang
- Research topic: effective deep clustering
- A deep clustering method is proposed with the pretrained ViT by DINO and considering the nearest neighbors (Preprint [1]).
- To improve the deep clustering with big pretrained model, we propose a delicate fine-tuning approach, submitted to CVPR23.

Tokyo Tech Murata Lab   *Tokyo, Japan*

MASTER STUDENT   *Sep. 2017 - Sep. 2019*

- Supervisor: Prof. Tsuyoshi Murata
- By focusing on structures of heterogeneous networks (more than one type of node or edge), a more effective and efficient embedding model is proposed based on GAN (generative adversarial network).

Publication

PREPRINT

[1] Zhou, Xingzhi, and Nevin L. Zhang. Deep Clustering with Features from Self-Supervised Pretraining. arXiv preprint arXiv:2207.13364 (2022).

Skills

Programming   Python, pyTorch, LaTeX, plot tools
Language   Chinese, English, Japanese(Basic)

Honors & Awards

2017	**MEXT Scholarship for master degree**, Japanese Government(MEXT)	*Japan*
2016	**Excellent graduation thesis award (top 5%)**, UESTC	*Chengdu, China*
2015	**National Endeavor Scholarship (Top 10%)**, UESTC	*Chengdu, China*
2014	**National Endeavor Scholarship (Top 10%)**, UESTC	*Chengdu, China*
2014	**Global Korea Scholarship program for Exchange Students**, Republic of Korea (NIIED)	*S. Korea*
2013	**National Endeavor Scholarship (Top 10%)**, UESTC	*Chengdu, China*

Extracurricular Activity

Yingcai Honors College *Chengdu, China*
Mentor for freshmen *Jun. 2015– Jun. 2016*
• Guided freshmen to adapt to college life and provided necessary support both in life and study

Di Meng organization for public welfare *Chengdu, China*
Core member *Dec. 2014– Jun. 2015*
• Raising money and facilities for the remote middle schools.
• Popularizing positive energy to teenagers (age 12-15) in rural areas via inviting famous people, in particular, entrepreneur and people of disability, to give a speech.

Teaching Experience

CSIT 5910 & MSBD 5012 Machine Learning *HKUST*
Teaching Assistant *2022 Fall*

COMP 5212 Machine Learning *HKUST*
Teaching Assistant *2022 Spring*

CSIT 5910 & MSBD 5012 Machine Learning *HKUST*
Teaching Assistant *2021 Fall*

COMP 5212 Machine Learning *HKUST*
Teaching Assistant *2021 Spring*