

EDUCATION

- **Wuhan University** Wuhan, China
M.E. in Pattern Recognition and Intelligent System; GPA: 90.3/100 Aug. 2019 – Dec. 2022
- **Central South University** Changsha, China
B.E. in Remote Sensing Technology and Science; GPA: 93.71/100; Rank: 1/30 Aug. 2015 – July. 2019

BIOGRAPHY

I am a master student at [WHU-RS Institute of Artificial Intelligence and Machine Vision \(WAI Lab\)](#), Wuhan, China, advised by [Prof. Zhenzhong Chen](#). Currently, I work on the theory of deep learning, probabilistic models, causal inference, as well as their joint applications in user modeling, recommender systems, and multimodal content analysis. Before that, I received my B.E. degree in remote sensing technology and science at [Central South University](#), Changsha, China.

PUBLICATION

• Conference Paper

- 1. A multimodal deep variational framework for micro-video popularity prediction.
Jiayi Xie*, **Yaochen Zhu***, ..., Zhenzhong Chen (* for equal contribution)
The Web Conference (WWW), 2020 (short paper). [pdf]
- 2. Multimodal deep denoise framework for affective video content analysis.
Yaochen Zhu, Zhenzhong Chen and Feng Wu
ACM Multimedia (ACM MM), 2019 (oral paper). [pdf]

• Journal Paper

- 1. Affective video content analysis via multimodal deep quality embedding network.
Yaochen Zhu, Zhenzhong Chen and Feng Wu
IEEE Transactions on Affective Computing, in press. [pdf][codes]

• Preprints

- 1. Predicting the popularity of micro-videos with multimodal variational encoder-decoder framework.
Yaochen Zhu, Jiayi Xie, Zhenzhong Chen
<https://arxiv.org/abs/2003.12724> 2020. [pdf][codes]

• Under review

- Two papers regarding hybrid recommendation are under review.

AWARDS

- 1. **FIRST PRICE** in China Maker Innovation & Entrepreneurship Contest. 2020. [img]
- 2. **SECOND PRICE** in China Post-Graduate Mathematical Contest in Modeling. 2020.
- 3. **RECIPIENT** of 2016 and 2018 National Scholarship of China (**Top 0.2% Nationwide**) [img]

SERVICES

- Reviewer of ACM International Conference of Multimedia. 2020.

SKILLS & LANGUAGE

- Proficient in Python, English (GRE: 166+170 [pdf]), and can write well-articulated document with L^AT_EX