

EDUCATION

- Xidian University** Xi'an, China
Bachelor of Artificial Intelligence 09/2020 - Present
Turing Elite Class (Select 40 students from 1450 undergraduate students.)
GPA: 3.8/4.0, CET-4: 594, CET-6: 572
Selected courses:

Advanced Mathematics A(I)	98	Advanced Mathematics A(II)	98	C Programming	100
Discrete Mathematics (I)	92	Probability and Mathematical Statistics	91	Python Programming	95
Digital Signal Processing	92	Signals and Systems	94	Fundamentals of Circuit Analysis	95

EXPERIENCE

- Human Motion Prediction** 11/2022—03/2023
 I was honored to closely collaborated with [Linghao Chen](#) and [Xiaobo Xia](#) on exploring a novel paradigm for human motion prediction.
 - Designed the **mask-completion** strategy to overcome discontinuity in prediction.
 - Obtained a deeper understanding of the **diffusion model** and other generative models.
 - Achieved better motion **editability**, enabling switching and controllable prediction in training free manner.
- Radio Frequency Machine Learning** 09/2021-Present
 I work as a research intern at the [IPIU lab](#), supervised by [Prof. Shuyuan Yang](#) and [Prof. Zhixi Feng](#).
 - Followed and focused on the development of **automatic modulation classification**.
 - Accumulated processing experience and techniques related to **time series**.
 - Worked **independently** on exploration, experiment and writing and enhanced research skills.

PUBLICATIONS

- Towards the Automatic Modulation Classification with Adaptive Wavelet Network**
Jiawei Zhang, Tiantian Wang, Zhixi Feng, Shuyuan Yang
IEEE Transactions on Cognitive Communications and Networking (JCR-Q1, IF=6.35)
[\[paper\]](#) [\[code\]](#)
- AMC-Net: An Effective Network for Automatic Modulation Classification**
Jiawei Zhang, Tiantian Wang, Zhixi Feng, Shuyuan Yang
 International Conference on Acoustics, Speech and Signal Processing (**ICASSP**), 2023
[\[paper\]](#) [\[code\]](#)

PREPRINT

- HumanMAC: Masked Motion Completion for Human Motion Prediction**
 Ling-Hao Chen*, **Jiawei Zhang***, Yewen Li, Yiren Pang, Xiaobo Xia, Tongliang Liu
[Submit to International Conference on Computer Vision \(ICCV\)](#), 2023
[\[preprint\]](#) [\[code\]](#) [\[homepage\]](#)

HONORS AND AWARDS

- Chinese National Student Scholarship** 09/2022
- Kaggle: G2Net Detecting Continuous Gravitational Waves Silver Medal (Top 5%)** 01/2023
- Finalist Winner** (First prize), International Mathematical Contest in Modeling (MCM/ICM) 05/2022
- First Prize**, China Undergraduate Mathematical Contest in Modeling (CUMCM) in Shaanxi Province 11/2021
- Outstanding Student at the School Level 09/2021

SKILLS SUMMARY

- Languages** Python, C/C++, Matlab
- Frameworks** Pytorch, GNU Radio
- Soft Skills** L^AT_EX, PyCharm, Linux and shell, Git

VOLUNTEER EXPERIENCE

- Mentor of Technology Group at Tencent Innovation Club** Xi'an, China
 Organize technical salons where student members share their research of interest. 12/2021-09/2022