

XINMIAO YU

✉ xmyu@ir.hit.edu.cn · ☎ (+86) 133-2940-3069 · 🌐 Chelsey_yu

RESEARCH INTEREST

Natural Language Processing, especially in text generation and multimodal creative generation

EDUCATION

Harin Institute of Technology, Harbin, China 2019 – Present

B.S. major in Information Security, School of Computer Science(CS)

- GPA 3.76/4.00 Artificial Intelligence 94.2 Computer System 92.4 Database System 97.6

EXPERIENCE

HIT SCIR Harbin, China Jun. 2022 – Present

Master candidate Supervisors: Prof. Bing Qin and A.P. Xiao Cheng Feng.

- Working at Text Generation Group in Research Center for Social Computing and Information Retrieval
- Based on stable-diffusion to solve Story Visualization task
- Solving multimodal condition fusion problem and character consistency problem in Story Visualization task

WI (Web Intelligence) Lab Harbin, China Dec. 2021 – May. 2022

Research Intern Advised by Prof. Yi Guan, collaborated with Xuehui Yu

- We propose a novel hierarchical RL framework for complex biological system control, which can self-supervised learn skills and reuse learned skills.

PUBLICATIONS

1. Xuehui Yu, Jingchi Jiang, **Xinmiao Yu**, Yi Guan*, Xue Li. Causal Coupled Mechanisms: A Control Method with Cooperation and Competition for Complex System The (BIBM) 2022 IEEE International Conference on Bioinformatics and Biomedicine.

Keywords: complex system control, causal reasoning, hierarchical reinforcement learning.

CODING SKILLS

- Programming Languages: C Python Java
- Platform: Pytorch, Tensorflow, SpringBoot, JavaScript

HONORS AND AWARDS

1st Prize, HUAWEI Cup(The only), on National Undergraduate Internet of Things Contest 2022

National Scholarship (Top 1%) 2022

People's Scholarship 2020,2021,2022

Excellent Student Cadre (Top 5%) 2020,2021,2022

OTHER PASSIONS

- Literature and movies. Wish one day I can visit those unforgettable scenes in movies and books.
- Sports. I enjoy every sort of sports, such as badminton, jogging and swimming.
- Traditional music. I'm proud of traditional Chinese music and have been practicing Pipa since 9 years old.