Yifan Zhou

Beijing Institute of Technology, Haidian District, Beijing 100081, P. R. China

(+86)180-7011-1140   yifanzhou1107@gmail.com

EDUCATION

Sept 2017 – Jun 2021, Computer Science & Technology, School of Computer Science & Technology
Beijing Institute of Technology, China, GPA: 3.7/4.0

HONORS/AWARDS

- 2019 Outstanding Students of Beijing Institute of Technology
- The ACM-ICPC Asia Regional Contest Shenyang Site 2018 **Gold Medal**
- 2019 China Collegiate Programming Contest, Xiamen Site **Sliver Medal**

RESEARCH EXPERIENCE

Adaptive Radiance Reconstruction and Sampling Using Machine Learning   Apr 2020-Aug 2020
Advisor: Prof. Lei Zhang, Beijing Institute of Technology

- Based on a recent well-performed paper, the research aims to improve the performance of two neural networks which adaptively reconstruct and sample the radiance of a scene to guide path tracing.

On a Self-Tutoring System for Managing Students' Learning through Reflection on Doing
Apr 2020-Aug 2020

Advisor: Prof. Lei Zhang, Beijing Institute of Technology

- Aim to create a software which offers suggestions to students based on their input learning statements(a learning statement is a formatted triple(experience, learning, value) which shows student's reflection). The software uses SBERT[2] to calculate the semantic similarity between sentence pairs and gets results based on similarity.
- The abstract of paper has been accepted by ASEE.

SKILLS/OTHERS

Computer Skills: C++, Java, Python, OpenGL, OpenCV
Interests: Game Design; Psychology; Video Producing; Animation Producing