JIANG RUIXIANG

(852)6874-9564 | Email | Github | Website

EDUCATION

The Hong Kong Polytechnic University
Kowloon, Hong Kong SAR
Bsc. Computer Science
Aug 2019 - Present

- cGPA: 3.83/4.30
- Minor in Applied Mathematics, minorGPA: 4.15/4.30

College of Engineering, Peking University
Bejing, China
Globex Julmester summer exchange program
Jul 2021

- Grade: 88/100

RESEARCH PROJECT EXPERIENCE

Learning a Neural Radiance Field for Non-photorealistic Scene
Sep 2021 - Feb 2022
Undergraduate research and innovation (URIS) project
PolyU, Hong Kong

- Invigilated by Dr. YANG Bo at vLAR group, PolyU.
- Technology used: Unity3D, Python, Tensorflow.
- Designed and implemented a novel method, which qualitatively outperforms the baseline.

Text-Driven Stylization of Neural Radiance Field
Jun 2022- Present
Research Internship (as Technical Assistant)
CityU, Hong Kong

- Supervised by Dr. LIAO Jing at CityU.
- Technology used: Python, Pytorch, Pytorch-lightning, JAX.
- We propose a method to stylize a implicit scene representation with text prompts, the paper is under review (TVCG).
- Responsible for implementing and experimenting a stylization algorithm based on three different baseline method.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C#, SQL, Shell Script

AI Framework: Pytorch (preferred), Tensorflow, Pytorch-lightning

Communication: Chinese, English

Miscellaneous: LaTeX, Git, Linux, Unity3D, Adobe Lightroom

AWARDS

Undergraduate Research and Innovation Scholarship | *(7,000 HKD)*
Aug 2021

2020-21 Dean's Honor List of Outstanding Student
Oct 2021

2021-22 Dean's Honor List of Outstanding Student
Oct 2022

The Hong Kong Polytechnic University Scholarship | *(40,000 HKD)*
Feb 2022

EXTRACURRICULAR

I love photography, and I've posted many of my works on social media.

I also enjoy reading, and I particularly like philosophy and psychology books.