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.
- 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 (familiar), Tensorflow, Pytorch-lightning
Communication: Mandarin, English, Cantonese)
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.