JIANG Ruixiang

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EDUCATION

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

- cGPA: 3.86/4.30
- Minor in Applied Mathematics, 4.15/4.30

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

- Grade: 88/100

PROJECT EXPERIENCE

Self-supervised Sceneflow Estimation — Aug 2021
PolyU(H.K.)

- Using deep neural network to estimate the motion for each 3D points in point clouds between two frames in a self-supervised manner.

Novel View Synthesis for Non-photorealistic Images — Aug 2021 - Present
Undergraduate research and innovation (URIS) project — *PolyU(H.K.)*

- Invigilated by Dr. YANG Bo at vLAR group, PolyU
- 3D reconstruction from artistically rendered image using nerual radiance field (NeRF) method
- An individual and relatively complete research experience that includes: research proposal writing, dataset collection, and experiment along with evaluation, etc.

TECHNICAL SKILLS

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

Libraries: Tensorflow, Numpy, Matplotlib, and many other commonly-used libs.

Communication: Mandarin (native), English (TOEFL 96)

Miscellaneous: LaTeX, Git, Linux, Unity3D

AWARDS

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

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

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.