

# Yufan DENG

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## Education

### Hong Kong University of Science and Technology (HKUST)

BENG in CS, CGPA 4.19/4.30

Hong Kong

Sep. 2021 - Current

### École Polytechnique Fédérale de Lausanne (EPFL)

Exchange

Lausanne, Switzerland

Feb. 2024 - June 2024

### Shenzhen Middle School (SMS)

High School, GPA 4.32/4.45

Shenzhen, China

Sep. 2018 - June 2021

## Technical Skills

**Programming Language** Python (Skilled), Java (Skilled), C++ (Skilled), PHP (Basic), SQL (Basic), C (Basic)

**Deep Learning Toolkits** Pytorch, Hugging Face Libraries

**Miscellaneous** LaTeX, Linux, Git, Matlab, MS Office, Adobe

**Languages** Mandarin (Native), English (Proficient)

## Publications

[1] Yufan Deng\*, Ruida Wang\*, Yuhao Zhang\*, et al. "DragVideo: Interactive Drag-style Video Editing," *ECCV*, 2024. [\[Link\]](#)

## Research Experiences

### "Learning 3D Object Rigging"

California, US

• Advisers: Prof. Jiajun Wu (Stanford), Shangzhe Wu (Stanford), Geng Chen (Stanford)

June 2024 - Current

• Focus: Auto-Rigging

### "DragVideo: Interactive Drag-style Video Editing" [\[Link\]](#)

Hong Kong

• Advisers: Prof. Chi-Keung Tang (HKUST), Prof. Yu-Wing Tai (Dartmouth)

July 2023 - Nov. 2023

• Focus: Temporal Consistence, Point-based edit, Video Diffusion Model

### "Deep Learning for Medical Images"

Hong Kong

• Advisers: Prof. Hao Chen (HKUST)

June 2022 - May 2023

• Focus: Synthetic Data Augmentation, Multi-task Model, Quality-aware Model

## Awards and Honors

Sep. 2022-2025 **Scholarship:** "HKSAR Government Scholarship" (80000 HKD per year)

Hong Kong

May 2024 **Scholarship:** "Tin Ka Ping Scholarship (Exchange)" (20000 HKD)

Lausanne

Sep. 2023 **Scholarship:** "HKUST Alumni Endowment Fund High Flyers Program Scholarship" (10000 HKD)

Hong Kong

Aug. 2023 **Scholarship:** "Tse Cheuk Ng Tai Scholarship" (10000 HKD)

Hong Kong

Jan. 2022-2024 **Honorary Title:** "Dean's List" for 5 semesters (TGA 3.7 or above, top 10 percentile)

Hong Kong

Dec. 2020 **Contest:** First Runner-Up in "2020 Tencent Rhino-Bird High School Elite Training Program"

Shenzhen

## Working Experiences

### Research Assistant

Remote

Assist AIGC project in Visual Intelligence Lab, HKUST

Mar. 2024 - June 2024

### Teaching Assistant

Hong Kong

Prepare lab assignments for COMP2211 (Exploring Artificial Intelligence)

July 2023 - Aug. 2023