

EDUCATION

- **Australian National University**, Canberra *Jul 2018 – Dec 2022*
Bachelor of Advanced Computing
- **Australian National University**, Canberra *Feb 2023 – Feb 2027 (Expected)*
PhD in Computing

EXPERIENCE

- **City University of Hong Kong**, Hong Kong *May 2021 – Feb 2022*
Research Intern
Advisor: Prof. Rynson Lau
Topics: Interactive Segmentation, Image/Video Harmonization

PUBLICATIONS

- **3D-GPT: Procedural 3D Modeling with Large Language Models**
Chunyi Sun, Junlin Han, Weijian Deng, Xinlong Wang, Zishan Qin, Stephen Gould
3DV 2025
- **NeRFEditor: Differentiable Style Decomposition for Full 3D Scene Editing**
Chunyi Sun, Yanbin Liu, Junlin Han, Stephen Gould
WACV 2024
- **DreamBeast: Distilling 3D Fantastical Animals with Part-Aware Knowledge Transfer**
Runjia Li, Junlin Han, Luke Melas-Kyriazi, **Chunyi Sun**, Zhaochong An, Zhongrui Gui, Shuyang Sun, Philip Torr, Tomas Jakab
3DV 2025
- **Ray Deformation Networks for Novel View Synthesis of Refractive Objects**
Weijian Deng, Dylan Campbell, **Chunyi Sun**, Shubham Kanitkar, Matthew Shaffer, Stephen Gould
WACV 2024
- **Differentiable Neural Surface Refinement for Modeling Transparent Objects**
Weijian Deng, Dylan Campbell, **Chunyi Sun**, Shubham Kanitkar, Matthew E. Shaffer, Stephen Gould
CVPR 2024
- **Harmonizer: Learning to Perform White-Box Image and Video Harmonization**
Zhanghan Ke, **Chunyi Sun**, Lei Zhu, Ke Xu, Rynson W.H. Lau
ECCV 2022
- **Blind Image Decomposition**
Junlin Han, Weihao Li, Pengfei Fang, **Chunyi Sun**, Jie Hong, Ali Armin, Lars Petersson, Hongdong Li
ECCV 2022

SERVICES

- **Conference Reviews:** CVPR, ECCV, AAAI
- **Journal Reviews:** Pattern Analysis and Machine Intelligence (PAMI)

SKILLS

- **Computer Languages:** Python (Proficient), Java (Proficient), MATLAB (Familiar), Haskell (Familiar)
- **Others:** Git, LaTeX