Pengxiao Han

Beijing China | Phone: +61 423 699 309 | Email: pengxiaohan938@gmail.com| Date of Birth: 21th June 1999

EDUCATION

2022.7 - Present

Master of Machine Learning and Computer Vision

Australian National University, Canberra, Australia

Garde Point Average: 6.1(Scale 1-7, 7 being the highest)

- Publication: Latent-based Diffusion Model for Long-tailed Recognition (accepted by L3D-IVU CVPR2024)

2020.2 – 2021.12

Bachelor of Engineering (1st Class Honours)

James Cook University, Cairns, QLD, Australia

Major: Electronic Systems and Internet of Things Engineering

- Grade Point Average: 6.27 (Scale 1-7, 7 being the highest)
- Graduated from Bachelor of Engineering (Electronic Systems and Internet of Things) with first class honours.
- High Distinction for final year thesis project – Sign to text (Computer-vision-based sign language recognition system)

2017.9 – 2022.7

Bachelor of Engineering

Beijing Information Science and Technology University, Chaoyang, Beijing

Major: Communication Engineering

- Grade Point Average: 3.5 (Scale 1-5, 5 being the highest, 1 being the lowest)
- Second Prize of Excellent Academic Scholarship (in the year of 2017-2018)
- Third Place of the 2nd Freshman Innovation Competition

PUBLICATION

Pengxiao Han, Changkun Ye, Jieming Zhou, Jing Zhang, Jie Hong, and Xuesong Li. Latent-based diffusion model for long-tailed recognition, 2024 (accepted by L3D-IVU CVPR2024)[link]

COURSE PLACEMENT/EXPERIENCE

2020.12 – 2021.2 Computer-vision-based Discharge and Depth Monitoring in Water Channels, James Cook University, Cairns, December 2020 – February 2021 (For more information about this project, please refer to the website: https://www.taoicclab.com/research *Smart sensing: Computer-vision based Discharge and Depth Monitoring in Water Channels*)

2021.2 – 2021.11 Computer vision-based sign language reorganization system, James Cook University, Cairns, Feb 2021 – Nov 2021 (Bachelor thesis project)

2022.3 – 2022.6 Robot++, Software Engineer and Algorithm Designer, Beijing, Haidian.