JIANYUAN WANG

Webpage: https://jytime.github.io ◇ Email: anuwjy96@gmail.com

EDUCATION

The Australian National University (ANU), Canberra, Australia   *Mar 2019*

    Bachelor of Engineering with a major in Mechatronic System

    First Class Honours, Overall GPA: 6.75 / 7.00

    Core Courses: Computer Vision (Rank 1 / 114)

                  Robotics (Rank 1 / 69)

    Spending the first two years at the Northwestern Polytechnical University

    Thesis: RGB-D Instance Segmentation by Proposal Fusion, supervised by Prof. Hongdong Li

EXPERIENCE

The Chinese University of Hong Kong   *Jun 2021 − Present*

    Research assistant, supervised by Prof. Bolei Zhou

The Australian National University   *Mar 2020 − Jun 2021*

    Research assistant, supervised by Prof. Hongdong Li

SenseTime Group Limited   *Mar 2019 − Mar 2020*

    Research engineer on point cloud object detection

PUBLICATION

- **Jianyuan Wang**, Ceyuan Yang, Yinghao Xu, Yujun Shen, Hongdong Li, and Bolei Zhou. "Improving GAN Equilibrium by Raising Spatial Awareness". *arXiv preprint, 2021.*

- **Jianyuan Wang**[*], Yiran Zhong[*], Yuchao Dai, Stan Birchfield, Kaihao Zhang, Nikolai Smolyanskiy, and Hongdong Li. "Deep Two-View Structure-from-Motion Revisited". In: *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2021.*

- **Jianyuan Wang**[*], Yiran Zhong[*], Yuchao Dai, Kaihao Zhang, Pan Ji, and Hongdong Li. "Displacement Invariant Matching Cost Learning for Accurate Optical Flow Estimation". In: *Proceedings of Advances in Neural Information Processing Systems (NeurIPS), 2020.*

- Yiran Zhong, Pan Ji, **Jianyuan Wang**, Yuchao Dai, and Hongdong Li. "Unsupervised Deep Epipolar Flow for Stationary or Dynamic Scenes". In: *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2019.*

AWARD

- ANU International Scholarship (Top 1%) *Jun 2019*
- Distinguished Scholar Award, ANU Burton & Garran Hall (Top 3%) *Sep 2018*

ACTIVITY

- Conference Reviewer for CVPR, ICCV, and ICLR
- Journal Reviewer for TPAMI

SKILL

- Software Library: TensorFlow, PyTorch, OpenCV, LaTeX, Linux
- Programming Language: Python, C/C++, MATLAB, Swift, VHDL
- Personal Interest: Photography, Seal Carving