XIAOJUAN WANG

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EDUCATION

University of Washington — Seattle, WA
Ph.D in Computer Science — 2019 - Present
- Advisors: Steve Seitz, Brian Curless, Ira Kemelmacher-Shlizerman
- Research: vision for graphics, generative AI for content creation

ETH Zurich — Zurich, CH
MSc in Computer Science — 2016 - 2019
- Visual Computing track
- Thesis: Learn 3D scene semantic reconstruction on octree

Sun Yat-sen University — Guangzhou, China
B.S. in Computer Science — 2011 - 2016

PUBLICATIONS

1. **Xiaojuan Wang**, Aleksander Holynski, Brian Curless, Ira Kemelmacher, Steve Seitz. How Animals Dance (When You're Not Looking). *arXiv*, 2025.

2. **Xiaojuan Wang**, Brian Curless, Ira Kemelmacher, Aleksander Holynski, Steve Seitz. Generative Inbetweening: Adapting Image-to-Video Models for Keyframe Interpolation. *ICLR*, 2025.

3. **Xiaojuan Wang**, Janne Kontkanen, Brian Curless, Steve Seitz, Ira Kemelmacher, Ben Mildenhall, Pratul Srinivasan, Dor Verbin, Aleksander Holynski. Generative Powers of Ten. *CVPR* (Highlight), 2025.

4. **Xiaojuan Wang**, Taesung Park, Yang Zhou, Eli Shechtman, Richard Zhang. Jump Cut Smoothing for Talking Heads. *arXiv*, 2023.

5. **Xiaojuan Wang**, Martin Oswald, Ian Cherabier, Marc Pollefeys. Learning 3d Semantic Reconstruction on Octrees. *GCPR*, 2019.

6. **Xiaojuan Wang**, Ting Zhang, Guo-Jun Qi, Jinhui Tang, Jingdong Wang. Supervised Quantization for Similarity Search. *CVPR*, 2016.

7. Xiang Li, Wei-Shi Zheng, **Xiaojuan Wang**, Tao Xiang, Shaogang Gong. Multi-scale Learning for Low-Resolution Person Re-identification. *ICCV*, 2015.

8. **Xiaojuan Wang**, Wei-Shi Zheng, Xiang Li, Jianguo Zhang. Cross-scenario Transfer for Person Re-identification. *TCSVT*, 2015.

WORK EXPERIENCES

Google Research — San Francisco, CA
Student Researcher w/ Aleksander Holynski — 2023.06 - 2023.09
- Generative powers of ten (See Publications [3]).

Adobe Research — San Francisco, CA
Research Intern w/ Richard Zhang — 2022.06 - 2022.09
- Jump cut smoothing for talking heads (See Publications [4]).

Meta Reality Lab — Remote
Research Intern w/ Sam Tsai — 2021.06 - 2021.09
- Multi-view 9DoF 3D object pose estimation.

Computer Vision and Geometry Lab — Zurich, CH
Research Assistant w/ Martin Oswald — 2018.05 - 2019.03
- Learn 3D semantic reconstruction on octrees (See Publications [5]).

Computer Vision and Geometry Lab — Zurich, CH
Research Assistant w/ Martin Oswald — 2016.12 - 2017.10
- Room model difference visualization on Hololens.

Teaching

Seminar Organizer | University of Washington   Autumn 2022
- CSE 590-V, Computer Vision Seminar

Teaching Assistant | University of Washington   Spring 2024
- CSE 455, Computer Vision

Teaching Assistant | University of Washington   Spring 2025
- CSE 493G1/599G1, Deep Learning for Computer Visoon

Skills

Languages: Mandarin Chinese, English.
Programming Languages: `Python`, `C++`, `JAX`, `PyTorch`
Tools: Unity, Blender.

Academic Service

Reviewers for: SIGGRAPH, SIGGRAPH Asia, CVPR

Mentored Students

Boyang Zhou @University of Washington
Fei Yang @University of Washington