JING WEN

Email: jw116@illinois.edu
Mobile: 1(412)537-2059

EDUCATION

University of Illinois Urbana-Champaign, *IL, United States* *08/2022 - present*
Ph.D. in Computer Science

· Advisor: Prof. Shenlong Wang and Prof. Alex Schwing

Carnegie Mellon University, *PA, United States* *08/2019 - 08/2021*
Master of Language Technologies (research-oriented)

· Advisor: Prof. Katerina Fragkiadaki
· Thesis: Towards Unsupervised 3D Object Discovery and Tracking

Tsinghua University, *Beijing, China* *08/2015 - 07/2019*
Bachelor of Engineering in Computer Science and Technology

· Thesis advisor: Prof. Xiaolin Hu and Prof. Jianmin Li
· Thesis: Improving Image Representations in Image Captioning

RESEARCH INTERESTS

3D vision with the focus on human rendering and reconstruction, and diffusion models for human animation.

PUBLICATIONS

Jing Wen, Yuanlu Xu, Emanuel Garbin, Bharat Lal Bhatnagar, Doug Roble, Tony Tung, Alex Schwing, Shenlong Wang, Stephane Grabli. Cycle Guidance for Robust Human Animation across Large Pose Gaps. *In submission.*

Jing Wen, Alex Schwing, Shenlong Wang. DressAvatar: Fast Feed-Forward Layer Decomposition for Digital Avatars from a Single Image. *In submission.*

Hao-Yu Hsu, Tianhang Cheng, **Jing Wen**, Alex Schwing, Shenlong Wang. Seeing Without Eyes: 4D Human–Scene Understanding from Wearable IMUs. *Arxiv 2026.* [project page] [arxiv]

Jing Wen, Alex Schwing, Shenlong Wang. NoPo-Avatar: Generalizable and Animatable Avatars from Sparse Inputs without Human Poses. *Conference on Neural Information Processing Systems (NeurIPS) 2025.* [project page] [arxiv]

Jing Wen, Alex Schwing, Shenlong Wang. Generalizable Human Rendering with Learned Iterative Feedback Over Multi-Resolution Gaussians-on-Mesh. *International Conference on Learning Representations (ICLR) 2025.* [project page] [arxiv]

Jing Wen, Xiaoming Zhao, Zhongzheng Ren, Alex Schwing, Shenlong Wang. GoMAvatar: Efficient Animatable Human Modeling from Monocular Video Using Gaussians-on-Mesh. *Conference on Computer Vision and Pattern Recognition (CVPR) 2024.* [project page][arxiv]

Adam Harley, Yiming Zuo*, **Jing Wen***, Ayush Mangal, Shubhankar Potdar, Ritwick Chaudhry, Katerina Fragkiadaki. Track, Check, Repeat: An EM Approach to Unsupervised Tracking. *Conference on Computer Vision and Pattern Recognition (CVPR) 2021.* [project page][arxiv]

Han Liu, Shifeng Zhang, Ke Lin, **Jing Wen**, Jianmin Li, Xiaolin Hu. Vocabulary-Wide Credit Assignment for Training Image Captioning Models. *IEEE Transactions on Image Processing (TIP), 2021.* [pdf]

INTERNSHIP EXPERIENCES

Meta Inc., *Sausalito, United States* *05/2025 - 05/2026*
Research Intern

- Mentors: Dr. Stephane Grabli, Dr. Yuanlu Xu, Dr. Tony Tung, Dr. Bharat Bhatnagar and Dr. Emanuel Garbin
- Project: High-Fidelity Pose-Guided Video Diffusion for Realistic Human and Clothing Animation

Princeton University, *NJ, United States* *09/2021 - 05/2022*
Research Assistant

- Advisor: Prof. Jia Deng
- Project: Multiview image super-resolution

Google Inc., *Beijing, China* *07/2017 - 09/2017*
Engineering Practicum Intern

- Mentors: Mr. Keyi Gui and Mr. Wenshan Fu
- Project: Boq and Apps Framework based Mobile Harness Front End V5

TEACHING EXPERIENCES

Spring 2024 CS 446 Machine Learning

AWARDS

2026 Mavis Future Faculty Fellows
2017 1st Prize of Chinese Collegiate Programming Contest Woman Group (CCPC-W'2017)
2016 Award of Academic Excellence, with Tsinghua-SAMSUNG Scholarship

ACADEMIC SERVICE

Reviewer for CVPR 25-26, ECCV 24, ICCV 25, NeurIPS 25, ICLR 25-26