

JIAMAN LI

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EDUCATION

Stanford University *Sep. 2021 - Present*
Ph.D. - Computer Science
Advisor: Prof. C. Karen Liu and Prof. Jiajun Wu

University of Southern California *Aug. 2019 - Aug. 2021*
M.Sc. (Ph.D. Program, transfer out as Prof. Hao Li left USC) - Computer Science
Advisor: Prof. Hao Li

University of Toronto *Sep. 2017 - Jan. 2019*
M.Sc. - Computer Science
Advisor: Prof. Sanja Fidler

Beihang University *Sep. 2013 - June. 2017*
B.Eng - Software Engineering GPA: 3.9/4.0, Rank: 1/131

EXPERIENCE

FAIR, Meta, Menlo Park Jun. 2023 - Nov. 2023
Research Intern *Advisor: Dr. Xavier Puig, Dr. Alexander Clegg, Dr. Roozbeh Mottaghi*

- Research on human-object interaction synthesis in contextual environments.

Facebook Reality Lab, Sausalito May. 2021 - Aug. 2021
Research Intern *Advisor: Dr. Yuanlu Xu, Dr. Nikolaos Sarafianos, Dr. Yuting Ye, Dr. Tony Tung*

- Research on human motion tracking with learned motion priors.

Adobe, San Jose May. 2020 - Aug. 2020
Research Intern *Advisor: Dr. Ruben Villegas, Dr. Duygu Ceylan, Dr. Jimei Yang*

- Research on learning motion priors for different downstream applications.

SELECTED PUBLICATIONS

18. **Jiaman Li**, C. Karen Liu[†], Jiajun Wu[†]. “Lifting Motion to the 3D World via 2D Diffusion” *arxiv*, 2024.
17. Zhen Wu, **Jiaman Li**, Pei Xu, C. Karen Liu. “Human-Object Interaction from Human-Level Instructions.” *arxiv*, 2024.
16. Hongjie Li, Hongxing Yu, **Jiaman Li**, Jiajun Wu. “ZeroHSI: Zero-Shot 4D Human-Scene Interaction from Video Generation” *arxiv*, 2024.
15. **Jiaman Li**, Alexander Clegg, Roozbeh Mottaghi, Jiajun Wu, Xavier Puig[†], C. Karen Liu[†]. “Controllable Human-Object Interaction Synthesis.” *ECCV(Oral)*, 2024.
14. **Jiaman Li**, Jiajun Wu[†], C. Karen Liu[†]. “Object Motion Guided Human Motion Synthesis.” *TOG (SIGGRAPH Asia)*, 2023.
13. Mark Endo, Joy Hsu, **Jiaman Li**, Jiajun Wu. “Motion Question Answering via Modular Motion Programs.” *ICML*, 2023.
11. Joao Pedro Araujo, **Jiaman Li**, Karthik Vetrivel, Deepak Gopinath, Jiajun Wu, Alexander Clegg, C. Karen Liu. “CIRCLE: Capture In Rich Contextual Environments.” *CVPR*, 2023.

10. **Jiaman Li**, C. Karen Liu[†], Jiajun Wu[†]. “Ego-Body Pose Estimation via Ego-Head Pose Estimation.” *CVPR(Best Paper Award Candidate)*, 2023. **Distinguished Paper Award** at EgoVis Workshop, *CVPR* 2024.
9. Sifan Ye*, Yixing Wang*, **Jiaman Li**, Dennis Park, C. Karen Liu, Huazhe Xu[†], Jiajun Wu[†]. “Scene Synthesis from Human Motion.” *SIGGRAPH Asia*, 2022.
8. Yang Zheng, Yanchao Yang, Kaichun Mo, **Jiaman Li**, Tao Yu, Yebin Liu, C. Karen Liu, Leonidas J. Guibas. “GIMO: Gaze-Informed Human Motion Prediction in Context.” *ECCV*, 2022.
7. Zhengfei Kuang, **Jiaman Li**, Mingming He, Tong Wang, Yajie Zhao. “DenseGAP: Graph-Structured Dense Correspondence Learning with Anchor Points.” *ICPR(Oral)*, 2022.
6. **Jiaman Li**, Ruben Villegas, Duygu Ceylan, Jimei Yang, Zhengfei Kuang, Hao Li, Yajie Zhao. “Task-Generic Hierarchical Human Motion Prior using VAEs.” *3DV*, 2021.
5. **Jiaman Li***, Zhengfei Kuang*, Yajie Zhao, Mingming He, Karl Bladin, Hao Li. “Dynamic Facial Asset and Rig Generation from a Single Scan.” *SIGGRAPH Asia*, 2020.
4. **Jiaman Li**, Yihang Yin, Hang Chu, Yi Zhou, Tingwu Wang, Sanja Fidler, Hao Li. “Learning to Generate Diverse Dance Motions with Transformer.” (arxiv), 2020.
3. Maria Shugrina, Ziheng Liang, Amlan Kar, **Jiaman Li**, Angad Singh, Karan Singh, Sanja Fidler. “Creative Flow+ Dataset.” *CVPR*, 2019.
2. Ching-Yao Chuang, **Jiaman Li**, Antonio Torralba, and Sanja Fidler. “Learning to Act Properly: Predicting and Explaining Affordances from Images.” *CVPR*, 2018.
1. Xavier Puig*, Kevin Ra*, Marko Bohlen*, **Jiaman Li**, Tingwu Wang, Sanja Fidler and Antonio Torralba. “VirtualHome: Simulating Household Activities via Programs.” *CVPR(Oral)*, 2018.

ACADEMIC SERVICES

Reviewer for SIGGRAPH, SIGGRAPH Asia, Eurographics, CVPR, ICCV, ECCV, 3DV, AAI, TPAMI

SKILLS

Language	English(Fluent), Mandarin(Native)
Computer Programming	Python, C++, C, C#, Java, PHP, Javascript, HTML
Deep Learning Tools	PyTorch, Tensorflow, Caffe

REWARDS AND HONORS

Wu Tsai Human Performance Fellowship	<i>Oct. 2023 and 2024</i>
USC Annenberg Graduate Fellowship	<i>Aug. 2019</i>
University of Toronto Fellowship, Faculty of Arts and Science	<i>Oct. 2017 and 2018</i>
University of Toronto Tuition Fellowship, Faculty of Arts and Science	<i>Oct. 2017 and 2018</i>
National Scholarship	<i>Sep. 2014</i>