

JIAMAN LI

Email: jiamanli@stanford.edu ([lijiaman.github.io](https://github.com/lijiaman))

EDUCATION

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| Stanford University Ph.D. - Computer Science Advisor: Prof. C. Karen Liu and Prof. Jiajun Wu | <i>Sep. 2021 - Present</i> |
| University of Southern California M.Sc. (Ph.D. Program) - Computer Science Advisor: Prof. Hao Li | <i>Aug. 2019 - Aug. 2021</i> |
| University of Toronto M.Sc. - Computer Science Advisor: Prof. Sanja Fidler | <i>Sep. 2017 - Jan. 2019</i> |
| University of Toronto Exchange Student - Engineering | <i>Sep. 2016 - Dec. 2016</i> GPA: 4.0/4.0 |
| Beihang University B.Eng - Software Engineering | <i>Sep. 2013 - June. 2017</i> GPA: 3.9/4.0, Rank: 1/131 |

EXPERIENCE

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| Stanford CogAI Lab and The Movement Lab, Palo Alto <i>Rotation Student</i> | <i>Jan. 2022 - May. 2022</i> <i>Advisor: Prof. C. Karen Liu, Prof. Jiajun Wu</i> |
| · Research on human motion estimation from egocentric video. | |
| Stanford Geometry Lab, Palo Alto <i>Rotation Student</i> | <i>Sep. 2021 - Dec. 2021</i> <i>Advisor: Prof. Leonidas J Guibas</i> |
| · Research on human motion generation in 3D scenes. | |
| Facebook Reality Lab, Sausalito <i>Research Intern</i> | <i>May. 2021 - Aug. 2021</i> <i>Advisor: Dr. Yuanlu Xu, Dr. Nikolaos Sarafianos, Dr. Yuting Ye, Dr. Tony Tung</i> |
| · Research on human motion tracking with learned motion priors. | |
| Adobe, San Jose <i>Research Intern</i> | <i>May. 2020 - Aug. 2020</i> <i>Advisor: Dr. Ruben Villegas, Dr. Duygu Ceylan, Dr. Jimei Yang</i> |
| · Research on learning motion priors for different downstream applications. | |
| NVIDIA, Toronto <i>Research Intern</i> | <i>Aug. 2018 - Jan. 2019</i> <i>Advisor: Prof. Sanja Fidler</i> |
| · Research on 3D human body modeling and character deformation. | |
| SenseTime Group Limited, Beijing <i>Research Intern</i> | <i>Feb. 2017 - Jun. 2017</i> <i>Advisor: Dr. Xingyu Zeng</i> |
| Qihoo 360 AI Institute, Beijing <i>Software Engineer & Research Intern</i> | <i>Mar. 2016 - Jul. 2016</i> <i>Advisor: Dr. Junshi Huang, Prof. Shuicheng Yan</i> |

SELECTED PUBLICATIONS

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*, 2023.
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 Bohen*, **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, AACL, TPAMI

SKILLS

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

REWARDS AND HONORS

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|---|---------------------------|
| 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> |
| China Scholarship Council (CSC) scholarships | <i>Sep. 2016</i> |
| National Scholarship | <i>Sep. 2014</i> |