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Ph.D. Student in Computer Science, admitted Autumn 2021

Publications

PUBLICATIONS

- **Feature4X: Bridging Any Monocular Video to 4D Agentic AI with Versatile Gaussian Feature Fields**
Zhou, S., Ren, H., Weng, Y., Zhang, S., Wang, Z., Xu, D., Fan, Z., You, S., Wang, Z., Guibas, L., Kadambi, A., IEEE COMPUTER SOC
IEEE COMPUTER SOC.2025: 14179-14190
- **Robot Learning from Any Images**
Zhao, S., Mao, J., Chow, W., Shangguan, Z., Shi, T., Xue, R., Zheng, Y., Weng, Y., You, Y., Seita, D., Guibas, L., Zakharov, S., Guizilini, et al
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JMLR-JOURNAL MACHINE LEARNING RESEARCH.2025: 4226-4245
- **MoSca: Dynamic Gaussian Fusion from Casual Videos via 4D Motion Scaffolds**
Lei, J., Weng, Y., Harley, A. W., Guibas, L., Daniilidis, K., IEEE COMPUTER SOC
IEEE COMPUTER SOC.2025: 6165-6177
- **Neural Implicit Representation for Building Digital Twins of Unknown Articulated Objects**
Weng, Y., Wen, B., Tremblay, J., Blukis, V., Fox, D., Guibas, L., Birchfield, S., IEEE COMPUTER SOC
IEEE COMPUTER SOC.2024: 3141-3150
- **AO-Grasp: Articulated Object Grasp Generation**
Morlans, C., Chen, C., Weng, Y., Yi, M., Huang, Y., Heppert, N., Zhou, L., Guibas, L., Bohg, J., IEEE
IEEE.2024: 13096-13103
- **UniDexGrasp: Universal Robotic Dexterous Grasping via Learning Diverse Proposal Generation and Goal-Conditioned Policy**
Xu, Y., Wan, W., Zhang, J., Liu, H., Shan, Z., Shen, H., Wang, R., Geng, H., Weng, Y., Chen, J., Liu, T., Yi, L., Wang, et al
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- **Tracking and Reconstructing Hand Object Interactions from Point Cloud Sequences in the Wild**
Chen, J., Yan, M., Zhang, J., Xu, Y., Li, X., Weng, Y., Yi, L., Song, S., Wang, H.
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ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2023: 304-312
- **CAPTRA: CAteGory-level Pose Tracking for Rigid and Articulated Objects from Point Clouds**
Weng, Y., Wang, H., Zhou, Q., Qin, Y., Duan, Y., Fan, Q., Chen, B., Su, H., Guibas, L. J., IEEE
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