

## Krishnan Vijay Srinivasan

Ph.D. Student in Computer Science, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **Learning latent actions to control assistive robots** *AUTONOMOUS ROBOTS*  
Losey, D. P., Jeon, H., Li, M., Srinivasan, K., Mandlekar, A., Garg, A., Bohg, J., Sadigh, D.  
2021: 1-33
- **Recovery RL: Safe Reinforcement Learning With Learned Recovery Zones** *IEEE ROBOTICS AND AUTOMATION LETTERS*  
Thananjeyan, B., Balakrishna, A., Nair, S., Luo, M., Srinivasan, K., Hwang, M., Gonzalez, J. E., Ibarz, J., Finn, C., Goldberg, K.  
2021; 6 (3): 4915-4922
- **Using a Variable-Friction Robot Hand to Determine Proprioceptive Features for Object Classification During Within-Hand-Manipulation** *IEEE TRANSACTIONS ON HAPTICS*  
Spiers, A. J., Morgan, A. S., Srinivasan, K., Calli, B., Dollar, A. M.  
2020; 13 (3): 600-610
- **Making Sense of Vision and Touch: Learning Multimodal Representations for Contact-Rich Tasks** *IEEE TRANSACTIONS ON ROBOTICS*  
Lee, M. A., Zhu, Y., Zachares, P., Tan, M., Srinivasan, K., Savarese, S., Fei-Fei, L., Garg, A., Bohg, J.  
2020; 36 (3): 582-96
- **Controlling Assistive Robots with Learned Latent Actions**  
Losey, D. P., Srinivasan, K., Mandlekar, A., Garg, A., Sadigh, D., IEEE  
IEEE.2020: 378-384
- **Learning Hierarchical Control for Robust In-Hand Manipulation**  
Li, T., Srinivasan, K., Meng, M., Yuan, W., Bohg, J., IEEE  
IEEE.2020: 8855-8862
- **Making Sense of Vision and Touch: Self-Supervised Learning of Multimodal Representations for Contact-Rich Tasks**  
Lee, M. A., Zhu, Y., Srinivasan, K., Shah, P., Savarese, S., Li Fei-Fei, Garg, A., Bohg, J., IEEE, Howard, A., Althoefer, K., Arai, F., Arrichiello, F., Caputo, et al  
IEEE.2019: 8943-50