

# Stanford

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Ph.D. Student in Computer Science, admitted Autumn 2016

### Publications

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#### PUBLICATIONS

- **Detecting Touch and Grasp Gestures Using a Wrist-Worn Optical and Inertial Sensing Network** *IEEE ROBOTICS AND AUTOMATION LETTERS*  
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- **Physical workplaces and human well-being: A mixed-methods study to quantify the effects of materials, windows, and representation on biobehavioral outcomes** *BUILDING AND ENVIRONMENT*  
Douglas, I. P., Murnane, E. L., Bencharit, L., Altaf, B., Costa, J., Yang, J., Ackerson, M., Srivastava, C., Cooper, M., Douglas, K., King, J., Paredes, P. E., Camp, et al  
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- **What makes people install a COVID-19 contact-tracing app? Understanding the influence of app design and individual difference on contact-tracing app adoption intention** *PERVASIVE AND MOBILE COMPUTING*  
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- **What makes people install a COVID-19 contact-tracing app? Understanding the influence of app design and individual difference on contact-tracing app adoption intention.** *Pervasive and mobile computing*  
Li, T., Cobb, C., Yang, J. J., Baviskar, S., Agarwal, Y., Li, B., Bauer, L., Hong, J. I.  
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- **Soundr: Head Position and Orientation Prediction Using a Microphone Array**  
Yang, J., Banerjee, G., Gupta, V., Lam, M. S., Landay, J. A., ACM  
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- **Beyond The Force: Using Quadcopters to Appropriately Interact with Objects and the Environment for Haptics in Virtual Reality**  
Abtahi, P., Landry, B., Yang, J., Pavone, M., Follmer, S., Landay, J. A., Assoc Comp Machinery  
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- **DreamWalker: Substituting Real-World Walking Experiences with a Virtual Reality**  
Yang, J., Holz, C., Ofek, E., Wilson, A. D., ACM  
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- **InfoLED: Augmenting LED Indicator Lights for Device Positioning and Communication**  
Yang, J., Landay, J. A., ACM  
ASSOC COMPUTING MACHINERY.2019: 175-87
- **VR Grabbers: Ungrounded Haptic Retargeting for Precision Grabbing Tools**  
Yang, J., Horii, H., Thayer, A., Ballagas, R., Assoc Comp Machinery  
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- **shiftIO: Reconfigurable Tactile Elements for Dynamic Affordances and Mobile Interaction**  
Strasnick, E., Yang, J., Tanner, K., Olwal, A., Follmer, S., ACM  
ASSOC COMPUTING MACHINERY.2017: 5075-86