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

Publications

PUBLICATIONS

• Detecting Touch and Grasp Gestures Using a Wrist-Worn Optical and Inertial Sensing Network. IEEE ROBOTICS AND AUTOMATION LETTERS
  Cofer, S., Chen, T. N., Yang, J., Follmer, S.
  2022; 7 (4): 10842-10849

• 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
  2022; 224

• 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. PERVERSIVE AND MOBILE COMPUTING
  Li, T., Cobb, C., Yang, J., Baviskar, S., Agarwal, Y., Li, B., Bauer, L., Hong, J. I.
  2021; 75

• 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.
  2021; 75: 101439

• Soundr: Head Position and Orientation Prediction Using a Microphone Array
  Yang, J., Banerjee, G., Gupta, V., Lam, M. S., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2020: 529-537

• Beyond The Force: Using Quadcopters to Appropriate 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
  ASSOC COMPUTING MACHINERY.2019

• DreamWalker: Substituting Real-World Walking Experiences with a Virtual Reality
  Yang, J., Holz, C., Ofek, E., Wilson, A. D., ACM
  ASSOC COMPUTING MACHINERY.2019: 1093–1107

• 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., Bullagas, R., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2018: 889–99

• 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