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Bio

STANFORD ADVISORS

- Sean Follmer, Doctoral Dissertation Advisor (AC)
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Publications

PUBLICATIONS

- **Advancing Accessible 3D Design for the Blind and Visually-Impaired via Tactile Shape Displays**
Siu, A. F., ACM
ASSOC COMPUTING MACHINERY.2019: 146–49
- **shapeCAD: An Accessible 3D Modelling Workflow for the Blind and Visually-Impaired Via 2.5D Shape Displays**
Siu, A. F., Kim, S., Miele, J. A., Follmer, S., Assoc Comp Machinery
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- **Making Nonvisually: Lessons from the Field**
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- **Tactile Code Skimmer: A Tool to Help Blind Programmers Feel the Structure of Code**
Falase, O., Siu, A. F., Follmer, S., Assoc Comp Machinery
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- **HoloNeedle: Augmented Reality Guidance System for Needle Placement Investigating the Advantages of Three-Dimensional Needle Shape Reconstruction** *IEEE ROBOTICS AND AUTOMATION LETTERS*
Lin, M. A., Siu, A. F., Bae, J., Cutkosky, M. R., Daniel, B. L.
2018; 3 (4): 4156–62
- **Investigating Tangible Collaboration for Design Towards Augmented Physical Telepresence** *DESIGN THINKING RESEARCH: MAKING DISTINCTIONS: COLLABORATION VERSUS COOPERATION*
Siu, A. F., Yuan, S., Pham, H., Gonzalez, E., Kim, L. H., Le Goc, M., Follmer, S., Plattner, H., Meinel, C., Leifer, L.
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- **An Accessible CAD Workflow Using Programming of 3D Models and Preview Rendering in A 2.5D Shape Display**
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- **Rendered and Characterized Closed-Loop Accuracy of Impedance-Type Haptic Displays** *IEEE TRANSACTIONS ON HAPTICS*
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- **Disposable platform provides visual and color-based point-of-care anemia self-testing** *JOURNAL OF CLINICAL INVESTIGATION*
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