Adam Eric Leeper

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EXPERIENCE

18 - 2020
16 - 2018
14 - 2016
13 - 2014
10 - 2013 ences.
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08 - 2013
graphics.
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Hardware - General machine shop rapid-prototyping skills, and proficient in CAD tools (Solidworks).

Languages - English (native), Spanish (fluent), French (proficient).

Other - Private pilot, recording engineer, bassist, drummer.

EDUCATION

Ph.D. Mechanical Engineering, Stanford University, 3.94 GPA	2013
M.S. Mechanical Engineering, Stanford University, 3.97 GPA	2009
B.S. Engineering Physics, The University of Tulsa, 3.99 GPA	2007

TEACHING

Instructor: COMP 2140, Programming I, Tennessee State University, 50 students.	2020
Instructor: ENGR 105, Controls, Stanford University, 70 students.	2015, 2016
Instructor: ENGR 14, Statics, Stanford University, 77 students.	2014
Instructor: ME 101, Dynamics, San Jose State University, 50 students.	2011, 2012, 2013
Instructor: Programming and Robotics, Stanford EPGY Summer Institutes, 50 students.	2010

SELECTED PUBLICATIONS

A. Leeper, K. Hsiao, M. Ciocarlie, I. Sucan, and K. Salisbury. Methods for Collision-Free Arm Teleoperation in Clutter Using Constraints from 3D Sensor Data. 2013 International Conference on Humanoid Robots. October, 2013. Atlanta, Georgia.

A. Leeper, S. Chan, and K. Salisbury. Point Clouds Can Be Represented as Implicit Surfaces for Constraint-Based Haptic Rendering. ICRA, May 2012, St. Paul, MN.

A. Leeper, K. Hsiao, M. Ciocarlie, L. Takayama, D. Gossow. Strategies for Human-in-the-Loop Robotic Grasping. HRI, March 2012, Boston, MA.