



EDUCATION

- MIT Media Lab, PhD** Sep 2013 - Present
Fluid Interfaces Group (Advisor: Pattie Maes), GPA 5.0/5.0
- KAIST, MS** Feb 2008 – Jan 2010
Dept of EE, GPA 4.12/4.3, Focus on 3D Computer Vision, Pattern Recognition
- KAIST, BS** Mar 2004 – Feb 2008
Dept of EE, GPA 3.52/4.3 Cum Laude, National Science and Technology Scholarship
- Gyeonggi Science High School** Mar 2002 – Feb 2004

WORK
EXPERIENCE

- Microsoft Research** Redmond, WA, USA, Jun 2014 – Aug 2014
Artist-in-Residence Intern at Studio 99
- Samsung Electronics** Suwon, Korea, Feb 2010 - Apr 2013
Software Engineer at Telecommunication Systems Division Feb 2010 – Apr 2013
Creativity Lab – eyeCan Project Oct 2011 – Apr 2012

TALKS,
AWARDS,
MEDIA
selected

- Award Robotic Symbionts - Honorable Mention, Experimental/Student Categories, 2017 Fast Company Innovation by Design Awards Sep 11 2017
- Media **Neural Issue 56**, Intelligently Weak, A Flying Pantograph in "new media" section May 5 2017
- Media **Discovery News**, Robotic Wrist-Worn Joint Gives You Another Hand May 20 2016
- Media **Technology Review (Ger)**, Zwei Hände sind nicht genug Jul 2016
- Media **WIRED**, MIT's Clever New Drone Draws What You Do. Mostly Mar 27 2016
- Media **The Creators Project**, A Flying Pantograph Mar 8 2016
- Media **BBC**, Back to the Future: What will technology really look like? Oct 21 2015
- Award Cord Uls - Winner, Students Category, 2015 Fast Company Innovation by Design Awards Sep 14 2015
- Award THAW - Finalist, Experimental Category, 2015 Fast Company Innovation by Design Awards Sep 14 2015
- Media **WIRED**, MIT Inventors Turn Power Cords Into Gadget Interfaces Mar 6 2015
- Media **Fast Company**, 5 Ways MIT Is Reinventing Your Power Cord Feb 2 2015
- Award **Gizmodo**, *The 7 Most Important UI and UX Ideas of 2014* Dec 30 2014
- Talk **Sebasi + PAN**, *Imagine by Inventing* Nov 20 2014
- Media **WIRED**, *MIT's Slick New UI Lets Your Phone and Desktop Screens Behave as One* Sep 24 2014
- Media **Fast Company**, *MIT Invents A Magic Lens That Combines All Your Screens Into A Single Experience* Sep 17 2014
- Talk **Seoul Digital Forum**, *Samsung's eyeCan + Eyewriter: Co-writing a Recipe for Collaboration* May 1 2013
- Award Samsung Social Responsibility Award, Samsung Electronics Dec 2012
- Talk *A Story about Technology that Changes Lives*, **Busan Tech Plus Forum** May 24 2012
- Talk *Developing an DIY Eye-Mouse for ALS Patients*, **TEDxSamsung 2nd Conference** COEX, Aug 16 2011

PUBLICATIONS
selected

- S. Leigh**, and P. Maes. *Morphological Interfaces: On Body Transforming Technologies*, **Ait.CHI 2017**
- S. Leigh**, H. Sareen, H.L.C. Kao, X. Liu, P. Maes. *Body-Borne Computers as Extensions of Self*, **Computers 6 (1)**
- S. Leigh**, and P. Maes. *Body Integrated Programmable Joints Interface*, **CHI 2016 (Best Paper Honorable Mention)**
- ***S. Leigh**, *H. Agrawal, and P. Maes. *A Flying Pantograph: Interleaving Expressivity of Human and Machine*, **TEI 2016 Arts Exhibition**
- *H. Agrawal, ***S. Leigh**, and P. Maes. *L'evolved: autonomous and ubiquitous utilities as smart agents*, **Ubicomp 2015**
- S. Leigh**, P. Schoessler, F. Heibeck, P. Maes, H. Ishii. *THAW: Tangible Interaction with See-Through Augmentation for Smartphones on Computer Screens*, **TEI 2015**
- S. Leigh**, A. Roseway, A. Paradiso. *Remnance of Form: Altered Reflection of Physical Reality*, **TEI 2015 Arts Exhibition**
- P. Schoessler, **S. Leigh**, K. Jagannath, P. van Hoof, H. Ishii, *Cord Uls: Controlling Devices with Augmented Cables*, **TEI 2015**
- W. Kim, **S. Leigh**, N. Hur, J. Choi, *Feature-based detection of inverted-stereo for stereoscopic 3D viewing comfort*, **IEEE trans. on Broadcasting**, Jun 2012