

Project List

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Human-Computer Interaction Design and Implementation

- Smart Textile as Wearable and 3D Interfaces Chonnam National University, 11.2014 – Current
- Environment Recognition and Automated Control for Motorized Wheelchairs Chonnam National University, 11.2014 – Current
- Gesture-Recognition Interface with Keyboard Embedded IR Modules Master's thesis, 03.2010 – 12.2011
- Bookbook – pressure sensitive touch interaction Samsung Software Membership, 10. 2010 – 11. 2010
- Tablaction – tablet interaction Samsung Software Membership, 05. 2010 – 07. 2010
- Yo! Run! – Mobile workout assistant Samsung Software Membership, 01. 2010 – 02. 2010
- The cup – enhancing listening experience Personal project, 11. 2009 – 12. 2009

Human-Computer Interaction Research

- Medical device research Samsung Electronics, 08. 2011 – 11. 2011

UX Research / Design

- New Gmail Personal project, 07. 2013
- Smart LED Samsung Electronics, 02. 2013 – 05. 2013
- Smart Home Samsung Electronics, 10. 2012 – 05. 2013
- Mobile Wallet Samsung Electronics, 04. 2012 – 09. 2012
- Patent ideation process Samsung Electronics, 12. 2011 – 04. 2012
- Medical service design Samsung Electronics, 04. 2011 – 07. 2011

Software / Hardware Development

- Digital Targeting System Chonnam National University, 11.2014 – 01.2015
- Digilog Show Control System Korea National University of Arts, 04. 2010 – 12. 2010
- Jon-Ro Man-Machine Interface Jong-ro Science, 07. 2009 – 10. 2009
- Space recognition engine using Jess An Architecture Lab, 07. 2007 – 08. 2007

Web Design/Development

- Vertical Farming Website Association for Vertical Farming, 12. 2013 – 04. 2014
- Corporate website and shopping mall Korea Mart, 01. 2006 – 02. 2006