**Project List**

**Hyunyoung Kim**

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**Human-Computer Interaction Design and Implementation**

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

**Human-Computer Interaction Research**

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

**UX Research / Design**

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

**Software / Hardware Development**

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

**Web Design/Development**

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