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EDUCATION	**Indiana University, Indianapolis, IN** Ph.D., Human-Computer Interaction, School of Informatics, expected May 2014 Overall GPA: 3.906 / 4.00 **Carnegie Mellon University, Pittsburgh, PA** M.S., Information Technology in eBusiness, School of Computer Science, August 2006 Overall GPA 3.57 / 4.00 ・Scholarship: Ministry of Commerce, Industry and Energy of Korea **Soongsil University, Seoul, KOREA** B.S., Computer Science, February 2004 Overall GPA: 3.74 / 4.3

EXPERIENCE

Dec.2012 – Present	**Persuasive mobile application development, Indiana University, Indianapolis, IN** ・Developing a mobile information visualization application for sustainable motivation in a context of running.
Sep.2012 – Dec.2013	**Shared decision space infoVis tool for planning and analysis of large healthcare data, Indiana University, Indianapolis, IN** ・Developed a decision support tool providing shared decision space information visualization of large and complex patient data sets for intelligence analysts, health care professionals and patients. ・Funded by MITRE research corporation (www.mitre.org) ・Project number: 51MSR605-BA and 51MSR603-AA
Sep.2012 – Jan.2013	**ANFORA linkless mobile application development, Indiana University, Indianapolis, IN** ・Developed a prototypical mobile application to provide users increased mobile user experience with a strategy of linkless navigation. ・Funded by NSF (National Science Foundation, www.nsf.gov)
Nov.2011 – June 2012	**TopHealthTrends infoVis tool development, Indiana University, Indianapolis, IN** ・Developed an information visualization tool showing local health-related Twitter trends to aid daily jobs of health-related experts.
Oct.2009 – Sep 2011	**Bridging the Situation Space to Decision Space Gap, Indiana University, Indianapolis, IN** ・Developed a prototypical decision making simulator to aid first emergency responder providing visualization of multiple decision options. ・Funded by MITRE research corporation (www.mitre.org) ・Project number: 19MSR062-AA, 43MSR001-EA, 45MSR019-AA, and 45MSR026-FA
April 2010	**Top 2 in Startup Weekend Indianapolis competition, IN** ・Developed an interactive prototype combining concepts of local deal and group deal
Aug.2007 - July 2008	**CompePrice startup company, Pittsburgh, PA** ・Co-founding member of IT startup company providing user-generated online video reviews about products using interactive video map
Nov.2006 – May 2007	**Lab TA for "Robots to the Rescue" class, ISRI, CMU** ・Led a course and offered a guidance of general introduction of robotics. ・Developed a robotics simulator with C#-based Microsoft Robotics Studio framework for communicating between mechanical robots and simulation services.

SKILLS	**Programming:** Java, Javascript, HTML5/CSS, XML, jQuery Mobile, MySQL, Adobe Flex web / mobile programming (Actionscipt), Map SDKs (GoogleMap, MapQuest, ESRIMap) **Software**: Adobe Flash, Photoshop, Premier, Dreamweaver, MS Office, Visio

PATENT	**System and Method for Producing Video Map** ・Attorney Docket Number N&N-114US, Application No: 12258709

ACTIVITIES

Jan.2009 – Mar.2011	**President of FERCEO Korean Soccer Club, Indianapolis, IN**
Oct.2005 – May 2008	**Executive Manager of Pittsburgh Korean Soccer Team (PSL), Pittsburgh, PA**

VOLUNTEERING

Aug.2011 – Present	**Web Site Management for Indianapolis Korean Catholic Church (http://indykcc.org)**
Sep.2006 – May 2008	**Web site Management for Pittsburgh Korean Catholic Church (http://tkccp.org)**
Mar.2002 – Dec.2002	**Network Management for Orphanage, Jeon-nong dong Orphanage, Seoul, KOREA**