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KOREA

EDUCATION	Indiana University, Indianapolis, IN Ph.D., Human-Computer Interaction, School of Informatics and Computing, expected May 2015 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 – Dec. 2014	Persuasive mobile infoVis app development, Indiana University, Indianapolis, IN • Developed a mobile information visualization application for sustainable motivation in a context of running (PhD dissertation topic).
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 (Actionscript), 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