Present Address
753 Lockefield Ct., Apt #F
Indianapolis, IN 46202
317-361-5563

SUNG PIL MOON

Email: monspo1@gmail.com
Portfolio: http://monspo1.github.io/

Permanent Address
1774-9 Ido-1dong,
Cheju-city, Cheju-do,
KOREA

SUMMARY

• Recent graduate who has various experience in Software development for academic / practical projects, Ph.D. level UX / UI researches, and startup activities.

• Capable of designing innovative solutions, problem solving skills with CS fundamentals, quick low / high fidelity prototyping, with an emphasis on Java, Javascript/HTML/CSS and jQuery mobile.

EDUCATION

Indiana University, Indianapolis, IN
Ph.D., Human-Computer Interaction, School of Informatics and Computing, May 2015
Overall GPA: 3.95 / 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) using elements of information visualization, gamification and social grouping.

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 **Research and Teaching Assistant for "Robots to the Rescue" class, ISRI, CMU**
• Developed a user interface for a robotics simulator using C#-based Microsoft Robotics Studio framework for communicating between the four-wheeled mechanical robots and simulation services.
• Led a course and offered a guidance of general introduction of robotics and simulator programming to undergraduate students.

SKILLS

Programming: Java, Javascript, HTML5/CSS, XML, jQuery Mobile, MySQL, Adobe Flex web / mobile programming (Actionscipt), Map SDKs (GoogleMap, MapQuest, ESRIMap)

PATENT

System and Method for Producing Video Map
• Application No: US20100077307 A1 (published on March 25, 2010)