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YONGSUNG KIM

Education **Northwestern University**

2014–present. PhD in *Technology and Social Behavior*. Advisor: Dr. Haoqi Zhang

Swiss Federal Institute of Technology in Lausanne (EPFL)

2010–2013. Master of Science. Major in *Computer Science*

Tsinghua University

2005–2009. Bachelor of Engineering. Major in *Computer Science*

Research Experience **Delta Lab, Northwestern University**

2014–present. Research Assistant. Advisor: Dr. Haoqi Zhang

Study ways to leverage on-the-go crowds to collect data and complete physical tasks to achieve desired individual and system outcomes.

Interviewed backers to understand factors influencing trust in situations of delays in Crowdfunding. Ran regression analysis to identify predictive factors for delays. Advisor: Dr. Elizabeth Gerber.

Information and Data Sciences Group, Microsoft Research

06/2017–09/2017. Research Intern. Mentors: Dr. Ece Kamar, Dr. Adam Fournay

Studying methods and strategies for delivering contextual reminder notifications under uncertainty.

Interactive Computing Lab, Korea Advanced Institute of Science and Technology (KAIST)

06/2013–08/2013. Research Intern. Advisor: Dr. Uichin Lee

Analyzed location-based Q&A dataset to understand the topical and typological patterns related to the geographic characteristics, geographic locality of user activities. Conducted a survey to understand motivations of local knowledge sharing.

Nokia Research Center/Distributed Information Systems Lab (EPFL)

06/2013–08/2013. Master Thesis. Advisor: Dr. Karl Aberer

Developed a prototype for mobile air quality monitoring application. Conducted a user study to understand the use of the application and usefulness of provided air quality information.

C&C Innovation Lab, NEC Corporation

08/2011–02/2012. Research Intern. Advisor: Mr. Daishi Kato

Designed and developed reciprocal Q&A Facebook application with gratitude as a feature. Evaluated the gratitude and reciprocity in the language translation Q&A setting.

Publications **Peer-Reviewed Conference**

2017. **Yongsung Kim**, Aaron Shaw, Haoqi Zhang, and Elizabeth Gerber. Understanding Trust amid Delays in Crowdfunding. *Proceedings of the 20th ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '17)*. ACM, Portland, Oregon.

2016. **Yongsung Kim**, Emily Harburg, Shana Azria, Aaron Shaw, Elizabeth Gerber, Darren Gerlge, and Haoqi Zhang. Studying the Effects of Task Notification Policies on Participation and Outcomes in On-the-go Crowdsourcing. *Fourth AAAI Conference on Human Computation and Crowdsourcing (HCOMP '16)*. AAAI, Austin, Texas.

2016. Katherin Lin, Henry Spindell, Scott Cambo, **Yongsung Kim**, and Haoqi Zhang. Habitsourcing: Sensing the Environment through Immersive, Habit-Building Experiences. *Proceedings of the 29th Annual ACM Symposium on User Interface Software & Technology (UIST '16)*. ACM, Tokyo, Japan.
2014. Sangkeun Park, **Yongsung Kim**, Uichin Lee, Mark Ackerman. Understanding localness of knowledge sharing: a study of Naver KiN 'here'. *Proceedings of the 16th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '14)*. ACM, Toronto, Canada.

Extended Abstracts, Workshop Papers, and Works-in-Progress

2015. **Yongsung Kim**, Emily Harburg, Shana Azria, Elizabeth Gerber, Darren Gerlge, and Haoqi Zhang Enabling Physical Crowdsourcing On-the-go with Context-Sensitive Notifications. *Third AAAI Conference on Human Computation and Crowdsourcing (HCOMP '15)*. AAAI, San Diego, LA.
2015. **Yongsung Kim**. Libero: On-the-go Crowdsourcing for Package Delivery. *Proceedings of ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15)*. ACM, New York, NY, USA. *1st place, Student Research Competition*.
2015. Emily Harburg, **Yongsung Kim**, Elizabeth Gerber, Haoqi Zhang. CrowdFound: A Mobile Crowdsourcing System to Find Lost Items On-the-Go. *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15)*. ACM, New York, NY, USA.
2013. **Yongsung Kim**, Julien Eberle, Erol Un, Riikka Haninnen, Karl Aberer. Mobile Observatory: an Exploratory Study of Mobile Air Quality Monitoring Application. *Workshop on Human Interfaces for Civic and Urban Engagement (HiCUE) in Ubicomp 2013*. ACM, Zurich, Switzerland.
2013. Erol Un, Julien Eberle, **Yongsung Kim**, Karl Aberer. A Model-based Back-end for Air Quality Data Management. *Workshop on Pervasive Urban Crowdsensing Architecture and Applications (PUCCA) in Ubicomp 2013*. ACM, Zurich, Switzerland.
2013. **Yongsung Kim**, Daishi Kato, Kazuo Kunieda, Keiji Yamada. Preliminary User Study for Gratitude and Reciprocity in a Q&A System. *Proceedings of the 2013 conference on Computer supported cooperative work companion (CSCW '13)*. ACM, San Antonio, TX, USA.

Awards Segal Design Cluster Fellowship, 2015
1st Place, Student Research Competition at CHI 2015

Teaching Undergraduate Research Advising

Sasha Weiss

03/2016–present. Advise research on Context-aware Microreminder.

Kapil Garg

01/2016–present. Advise research on Low-effort crowdsensing.

Shana Azria

12/2014–03/2016. Advised research on on-the-go crowdsourcing for package delivery.

Aaron Loh

09/2015–12/2015. Advised research on Low-effort crowdsensing.