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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.

Information and Data Sciences Group, Microsoft Research

06/2017–08/2017. Research Intern. Mentors: Dr. Adam Fourney, Dr. Ece Kamar

Studied preferences and concerns about accidental information disclosure in notifications.

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 Papers**

2018. **Yongsung Kim**, Darren Gergle, Haoqi Zhang. Hit-or-Wait: Coordinating Opportunistic Low-effort Contributions to Achieve Global Outcomes in On-the-go Crowdsourcing. *CHI '18*. To appear.

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

Olivia Barnett and Eli Cohen

09/2017–present. Advise research on Habitsourcing 4X.

Sasha Weiss

03/2016–12/2017. Advise research on Context-aware Microreminder.

Kapil Garg

01/2016–06/2017. 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.