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## ***YONGSUNG KIM***

### **Education** **Northwestern University**

2014–present. PhD in *Technology and Social Behavior*.

### **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 people’s existing routines and routes to collect data and complete physical tasks to achieve desired individual and system outcomes.

### **Social Dynamics Group, Bell Labs**

06/2017–08/2017. Data Science Research Intern. Mentors: Dr. Luca Aiello, Dr. Daniele Quercia

Characterized and categorized common daily activities with music features, and developed a music recommender system for motivating daily activities.

### **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.

### **Publications** **Peer-Reviewed Conference Papers**

2019. Kapil Garg, **Yongsung Kim**, Darren Gergle, Haoqi Zhang. 4X: A Hybrid Approach for Scaffolding Data Collection and Interest in Low-Effort Participatory Sensing. *Proceedings of the 22nd ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '19)*. ACM, Austin, Texas.

2019. **Yongsung Kim**, Adam Fourney, Ece Kamar. Studying Preferences and Concerns About Information Disclosure in Email Notifications. *Proceedings of World Wide Web Conference (WWW '19)*. ACM, San Francisco, California.

2018. **Yongsung Kim**, Darren Gergle, Haoqi Zhang. Hit-or-Wait: Coordinating Opportunistic Low-effort Contributions to Achieve Global Outcomes in On-the-go Crowdsourcing. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, Montreal, Canada.

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 Gergle, 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 Gergle, 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

Cooper Barth  
03/2019–present. Advise research on Last mile problem in On-the-go crowdsourcing.  
Maggie Lou  
03/2018–03/2019. Advise research on Last mile problem in On-the-go crowdsourcing.  
Olivia Barnett  
09/2017–06/2018. Advise research on Dynamic Habitsourcing.  
Sasha Weiss  
03/2016–12/2017. Advise research on Context-aware Microreminder.

Kapil Garg

01/2016–06/2017. Advise research on Low-effort crowdsourcing.

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 crowdsourcing.

**Service    Reviewer**

CHI 2018, CSCW 2018-2019, Ubicomp 2019, UIST 2019, WWW 2017