

# Yoojung Kim

Ph.D. Candidate

tendtoyj@snu.ac.kr  
yoojungk@uw.edu  
http://www.yoojung.kim  
+1 206 612 1592 (US)  
+82 10 3830 1297 (KOR)

User Experience Lab, Graduate School of Convergence Science and Technology, Seoul National University  
409, Building D, 145, Gwanggyo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

## Education

---

**Graduate School of Convergence Science and Technology, Seoul National University** Seoul, South Korea  
*Ph.D. candidate in Digital Contents and Information Studies* Sep. 2015 ~ Feb. 2020  
(Expected)

**Graduate School of Convergence Science and Technology, Seoul National University** Seoul, South Korea  
*M.Eng. in Digital Contents and Information Studies* Sep. 2013 - Aug. 2015

- **Specialized Area:** User Experience, Human Computer Interaction
- **Thesis** Travel Q: Quest-based Photo Travel Guide for Creating, Collecting, and Curating Micro Activities

**Seoul National University** Seoul, South Korea  
*B.A. in Korean History, College of Humanities* Mar. 2008 - Aug. 2013  
*B.A. in Media Communication, College of Social Science*  
[\[Graduated with honors \(Cum Laude\)\]](#)

## Working Experience

---

**Information School, University of Washington** Seattle, US  
*Student Intern* Feb. 2018 ~ Arp. 2019

- **Project #1:** Patients As Safeguards
  - **PI:** Wanda Pratt
  - **Role:** Designing the research goal and methods
- **Project #2:** Pokémon GO & Health
  - **PI:** Jin Ha Lee
  - **Role:** Designing the research goal and methods, collecting & analyzing data

**Mobile Game Development Company Blendey.Inc.** Seoul, South Korea  
*Research intern & Front-end developer* Mar. 2013 - Aug. 2013

**Newspaper Company, Chosunilbo** Seoul, South Korea  
*Editorial Intern* Jun. 2010 - Aug. 2010

## Honors and Awards

---

**Best Paper Award (Domestic Paper)** Seoul, South Korea  
*Funded by the Ministry of Health & Welfare, Republic of Korea* 2017

**Graduation with Distinction** Seoul, South Korea  
*Dept. of Korean History, College of Humanities, Seoul National University* 2013

**Outstanding Academic Scholarship (Tuition)** Seoul, South Korea  
*Dept. of Korean History, College of Humanities, Seoul National University* 2008 - 2013

**Students' Outstanding Essays** Seoul, South Korea  
*Center for Teaching and Learning, Seoul National University* 2008

## Publications

### International Peer-Reviewed Journal Articles

**Investigating Data Accessibility of Personal Health Apps** 2019

**Yoojung Kim**, Bongshing Lee, Eun Kyoung Choe  
*Journal of the American Medical Informatics Association* (2019) [\[Link\]](#)

**Impacts of Personal Health Records and Wearables on Health Outcome and Sustainable Use: 3-Arm-Based Randomized Controlled Trial** 2019

Jeong-Whun Kim, Borim Ryu, Seoyoon Cho, Eun-Young Heo, **Yoojung Kim**, Joongseek Lee, Se Young Jung, Sooyoung Yoo  
*Journal of Medical Internet Research mHealth and uHealth*, 7(1), e12070. [\[Link\]](#)

**Effect of Lifestyle Modification Using a Smartphone Application on Obesity With Obstructive Sleep Apnea: A Short-term, Randomized Controlled Study** 2018

Sung-Woo Cho, Jee Hye Wee, Sooyoung Yoo, Eunyoung Heo, Borim Ryu, **Yoojung Kim**, Joong Seek Lee, Jeong-Whun Kim  
*Clinical and Experimental Otorhinolaryngology* (2018) [\[Link\]](#)

**Impact of an Electronic Health Record-Integrated Personal Health Record on Patient Participation in Health Care: Development and Randomized Controlled Trial of MyHealthKeeper** 2017

Borim Ryu, Nari Kim, Eunyoung Heo, Sooyoung Yoo, Keehyuck Lee, Hee Hwang, Jeong-Whun Kim, **Yoojung Kim**, Joongseek Lee, Se Young Jung  
*Journal of Medical Internet Research* 19(12) [\[Link\]](#)

### International Peer-Reviewed Conference Papers

**Prescribing 10,000 Steps Like Aspirin: Designing a Novel Interface for Data-Driven Medical Consultations** 2017

**Yoojung Kim**, Eunyoung Heo, Hyunjung Lee, Sookyoung Ji, Jueun Choi, Joongseek Lee, Sooyoung Yoo  
*Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI'17)*. ACM. 2017. [\[PDF\]](#)  
[\[Acceptance Rate: 25%\]](#)

**Us vs. Them: Understanding Fear of Artificial Intelligence with a Case Study of Google DeepMind Challenge Match** 2017

Changhoon Oh, Taeyoung Lee, **Yoojung Kim**, Sohyun Park, Saebom Kwon, Bongwon Suh  
*Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI'17)*. ACM. 2017. [\[PDF\]](#)  
[\[Acceptance Rate: 25%\]](#)

**“My Doctor is Keeping an Eye on Me!”: Exploring the Clinical Applicability of a Mobile Food Logger** 2016

**Yoojung Kim**, Sookyoung Ji, Hyunjung Lee, Jung-Whun Kim, Sooyoung Yoo, Joongseek Lee  
*Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI'16)*. ACM. 2016. [\[PDF\]](#)  
[\[Acceptance Rate: 23.4%\]](#)

### International Peer-Reviewed Conference Posters/Workshop Paper

**Understanding How Patients with Chronic Conditions Make Assumptions on Various Types of Self-Tracking Data** 2019

**Yoojung Kim**, Joongseek Lee  
*Extended Abstracts of the SIGCHI Conference on Human Factors in Computing Systems (CHI'19)*. ACM. 2019. [\[PDF\]](#)

**Can a Machine Tend to Teenagers' Emotional Needs? A Study with Conversational Agents** 2018

Junhan Kim, **Yoojung Kim**, Byunjoon Kim, Sukyung Yun, Minjoon Kim, Joongseek Lee  
*Extended Abstracts of the SIGCHI Conference on Human Factors in Computing Systems (CHI'18)*. ACM. 2018. [\[PDF\]](#)

**Understanding Participatory Hashtag Practices on Instagram: A Case Study of Weekend Hashtag Project** 2016

Changhoon Oh, Taeyoung Lee, **Yoojung Kim**, Sohyun Park, Bongwon Suh  
*Extended Abstracts of the SIGCHI Conference on Human Factors in Computing Systems (CHI'16)*. ACM. 2016. [\[PDF\]](#)

**Travel Q: Questifying Micro Activities Using Travel Photos to Enhance Travel Experience** 2015

**Yoojung Kim**, Changhoon Oh, Taeyoung Lee, Donghun Lee, Joongseek Lee, Bongwon Suh  
*Extended Abstracts of the SIGCHI Conference on Human Factors in Computing Systems (CHI'15)*. ACM. 2015. [PDF]

**Use octopus launcher like your hands: joystick-based smartphone control solution for motor impaired people in electric wheelchairs** 2014

Hyunjin Ahn, **Yoojung Kim**, Bongwon Suh  
*Extended Abstracts of the SIGCHI Conference on Human Factors in Computing Systems (CHI'14)*. ACM. 2014. [PDF]

**Unsleeping TV: Always-On Screen Concept Using Bi-stable Display** 2014

Hyunjin Ahn, Jihyng Yoo, **Yoojung Kim**  
*Extended Abstracts of the International Conference on Interactive Experiences for Television and Online Video(TVX'14)*. ACM. 2014. [PDF]

### Domestic Peer-Reviewed Journal Articles (Written in Korean)

**Users' Perception and Behavioral Differences Depending on Chatbot Agent Identities** 2017

**Yoojung Kim**, Sang Kyu Han, Zongmuk Yoon, Jeong-Whun Kim, Joongseek Lee  
*Journal of the HCI Society of Korea 12(4)* [PDF]

**Smartphones vs. Wearables, Accuracy Comparison of Pedometer Data Based on In-Situ User Behavior** 2017

Sang Kyu Han, **Yoojung Kim**, Aju An, Jeong-Whun Kim, Joongseek Lee  
*Design convergence study 16(6)*

**Group Communication Support System for the d/Deaf Using Technology of Smart-Glasses and STT** 2017

Sangkuk Lee, **Yoojung Kim**, Jeonghyun Park  
*Reinterpretation of Disability'17* [PDF]

[Best Paper Award]

### Domestic Peer-Reviewed Conference Paper (Written in Korean)

**Proposal of online interaction for extension of offline clinic experience** 2017

Jueun Choi, **Yoojung Kim**, Jinyoung Kim, Joongseek Lee  
*In Proceedings of the HCIK '17: Human Computer Interaction Korea. 2017.* [PDF]

**The Changes in the Subjective Perception Scale for Health through the Wearable Device** 2015

Hyunjin Yoo, Hyunsoo Ji, **Yoojung Kim**, Joongseek Lee  
*Proceedings of the Korean Society of Medical Informatics. 2015.* [PDF]

[Outstanding Research Award]

### Domestic Peer-Reviewed Conference Posters (Written in Korean)

**An Exploratory Study on Behavior Change Patterns Through Using Wearables** 2015

**Yoojung Kim**, Hyukjin Kim, Jung-Whun Kim, Joongseek Lee  
*Extended Abstracts of the Korean Society of Medical Informatics. 2015.* [PDF]

**Proposal for Mobile Presentation Authoring Tool Considering User Experience** 2014

**Yoojung Kim**, Sookyoung Ji  
*Extended Abstract of the HCIK '14: Human Computer Interaction Korea. 2014.* [PDF]

### Research Projects

**Lifestyle Modification: Developing a Healthcare Technology based on User Experience**

Seoul, South Korea  
Dec. 2014 - Nov. 2017

*Project Manager*

*Funded by the Ministry of Health & Welfare, Republic of Korea (Grant No. HCI14C3213)*

## **Designing a Voice User Interface for T map Navigation**

Senior Researcher

Funded by SK Telecom

Seoul, South Korea  
June. 2017 - July. 2017

## **Designing Smart Glasses with Captions for the D/Deaf and Hard of Hearing**

Senior Researcher

Korea Foundation for Persons with Disabilities

Seoul, South Korea  
Feb. 2017 - Oct. 2017

## **Concept for the Future Mobile Experience**

Senior Researcher

Funded by Samsung Electronics

Seoul, South Korea  
Sep. 2016 - Jan. 2017

## **Concept for the Next Generation Mobile**

Senior Researcher

Funded by Samsung Electronics

Seoul, South Korea  
June. 2016 - Sep. 2016

## **Convergence Study**

Research Assistant

Funded by Seoul National University

Seoul, South Korea  
June. 2015 - June. 2016

## **Development of Prototyping Tools for Improving Business UX**

Research Assistant

Funded by Tobe Soft

Seoul, South Korea  
April. 2014 - Aug. 2014

## **Developing Authoring Tools for Foreign Language Education**

Research Assistant

Funded by Korea Culture & Content Agency

Seoul, South Korea  
Nov. 2013 - Feb. 2014

## **UI/UX for Smart Patient Monitoring system**

Research Assistant

Funded by Samsung Electronics

Seoul, South Korea  
Aug. 2013 - Oct. 2013

## **Presentations**

---

### **Prescribing 10,000 Steps Like Aspirin: Designing a Novel Interface for Data-Driven Medical Consultations**

May. 11, 2017. CHI 2017 conference. ACM SIGCHI. [\[Link\]](#)

Colorado Convention Center, Denver, Colorado, United States.

### **The New User Research Method Using AI Tools**

April. 27, 2017. Webworld Mobile 2017 conference. Plutomedia. [\[Link\]](#)

Korea Technology Center, Seoul, South Korea

### **The New User Research Method Using AI Tools**

April. 13, 2016. HCI(UX) 2017 New Trends Seminar. Korea Internet Professional Association. [\[Link\]](#)

Shinhan Investment Main Building, Seoul, South Korea

### **How Patient and Doctors Interact through Self-logged Data**

Spring. 25, 2017. Doctoral Colloquium. iConference. 2017.

Wuhan University, Wuhan, China

### **Prescribing Lifestyle Data: Exploring the Clinical Applicability of a Mobile Food Logger**

Sep. 6, 2016. Food and Nutrition for Future: Glocalization to Technology Breakthrough. KFN 2016.

Jeju Island Convention Center, Jeju Island, South Korea

### **Between Neutral and Possibly Accept: How to Rebut Better**

August. 19, 2016. SNUxHCI Groupday Event. [\[Link\]](#)

Seoul National University, Seoul, South Korea

## **Introduction to Data-driven User Research Methods for Grounded Mobile Planning**

June. 20, 2016. Mobile site planning 2016 conference. Plutomedia. [\[Link\]](#)

Korea Technology Center, Seoul, South Korea

## **Beyond Post-it: Improving Qualitative Research Method**

March. 31, 2016. HCI(UX) 2016 New Trends Seminar. Korea Internet Professional Association. [\[Link\]](#)

Posco P&S Tower, Seoul, South Korea

## **“My Doctor is Keeping an Eye on Me!”: Exploring the Clinical Applicability of a Mobile Food Logger**

May. 12, 2016. CHI 2016 conference. ACM SIGCHI.

San Jose McEnery Convention Center, San Jose, California, United States.

## **Beyond Post-it**

Jan. 27, 2016. Tutorial Session. HCI Korea 2016. [\[Link\]](#)

High One Resort, Jungsun, South Korea

## **Exploring the Clinical Applicability of Lifestyle Data**

Oct. 24, 2015. Doctoral Consortium. AP iConference. 2015.

Wuhan University, Wuhan, China

## **Smartphone Usage Patterns When Driving**

Feb. 4, 2015. Innovation Design Consulting Group PXD. [\[Link\]](#)

Seoul, South Korea

## **Teaching Experience**

---

### **Understanding User Experience - A Phenomenological Point of View**

Teaching Assistant

Graduate School of Convergence Science and Technology

Seoul National University  
Spring 2017

### **Freshman Seminar: Smartphone Makes Me Smarter**

Teaching Assistant

Center for Teaching and Learning

Seoul National University  
Fall 2016

### **Creative Convergence Capstone: Civic Hacking**

Teaching Assistant

College of Liberal Studies

Seoul National University  
Fall 2015

### **UX Method Academy**

Course Assistant

Samsung Electronics

Samsung Electronics  
Summer 2014

### **Convergence Camp for Youth**

Course Instructor

Advanced Institutes of Convergence Technology (AICT)

AICT  
Summer 2014

## **Event Organizing**

---

### **SNUxHCI Group Day 2016**

Chief Organizer

Seoul National University  
Summer 2016

### **UW iSchool-SNU GSCST Joint Workshop 2016**

Chief Organizer

Seoul National University  
Summer 2016

### **SNUxHCI Group Day 2015**

Organizer

Seoul National University  
Summer 2015

### **UW iSchool-SNU GSCST Joint Workshop 2015**

Chief Organizer

Seoul National University  
Summer 2015

---

## Academic Society and Services

---

|  |             |
|--|-------------|
| <b>AMIA</b><br><i>External Reviewer</i>                  | 2019        |
| <b>ACM</b><br><i>Student Membership</i>                  | 2014 - 2019 |
| <b>Mobile HCI</b><br><i>Student Volunteer</i>            | 2018        |
| <b>CSCW</b><br><i>Student Volunteer (PC meeting)</i>     | 2018        |
| <b>CHI</b><br><i>External Reviewer of Poster Session</i> | 2017        |
| <b>IUI</b><br><i>External Reviewer of Poster Session</i> | 2016        |
| <b>TVX</b><br><i>External Reviewer of Poster Session</i> | 2015        |

---

## Community Services and Activities

---

|  |  |
|--|--|
| <b>Appye Road, Mobile App Developer Club</b><br><i>Cofounded an official mobile app developer club in the university<br/>a vice president (6 months), a president (a year)</i> | Seoul National University<br>2011 - 2013 |
| <b>Center for Information Systems &amp; Technology in Seoul National University</b><br><i>Student Member in the mobile service department</i>                                  | Seoul National University<br>March. 2013 |
| <b>Journalist of University Newspaper Club, Daehakshinmoon</b><br><i>Campus news journalist</i>  | Seoul National University<br>2008 - 2010 |

---

## Skills

---

### Graphic Skills: Photoshop, Illustrator, Sketch, Quark Express

*GUI design, mostly iOS and android app*

### Programming Skill: Python, Java, Javascript

*can make high-fidelity prototype based on Java*

*can collect twitter, facebook, instagram data using python API library*