

# Saebom April Kwon

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## Research Interests

Human-Computer Interaction, Social Computing, Sustainable HCI, Participatory Design

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## Education

University of Michigan ANN ARBOR, MI  
**Master of Science in Information Specialized in Human-Computer Interaction (HCI)** 2017 – 2019  
School of Information

Sogang University SEOUL, SOUTH KOREA  
**Bachelor of Arts & Sciences** *Summa Cum Laude* 2012 – 2017  
School of Art & Technology

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## Research Experience

Social Innovations Lab, School of Information, University of Michigan ANN ARBOR, MI  
**Research Intern** Jan '18 – Present

- Conducted literature review on employment opportunities in Massive Open Online Courses (MOOCs) and social capital in education sites
- Analyzed interview study to understand MOOC learners' social interaction and capability of building and accessing to social capital

Creative Computing Group, School of Art & Technology, Sogang University SEOUL, SOUTH KOREA  
**Research Intern** Aug '15 – May '17

- Conducted a psychological experiment and interview research about influence of 3D character presented during music listening to basic human emotions, validating a possible virtual agent design on music-listening experience
- Designed the stimuli with real-time face capture software, implemented the experiment and interviews

Human-Centered Computing Lab, Seoul National University SUWON, SOUTH KOREA  
**Research Intern** Jul '16 – Aug '16

- Interviewed individuals and supported tagging analysis for investigating the public perception towards Artificial Intelligence
- Participated in a joint workshop with University of Washington to interview and analyze the experiment results with python about photo sharing behavior difference between U.S. and Korean students
- Supported data organization of emotion API data for analyzing the presented emotions of politicians in different media

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## Professional Experience

University of Michigan — Office of Tech Transfer ANN ARBOR, MI  
**Digital Discovery UX Fellow** Mar '18 – Present

- Created Balsamiq wireframes for researcher-initiated health care design project

SAP — Design & Co-Innovation Center SEOUL, SOUTH KOREA  
**UX Design Intern** Oct '15 – Apr '16

- Participated in medium-term cooperate software UX modification consulting project, assisting user interviews and 1-day client design workshop
- Supported 10 design thinking workshops with clients (cooperates, governmental institutions, schools) as a designer and a table facilitator
- Participated in the new office branding and space design, opening event preparation, and PR Plan

Samsung Electronics Co., Ltd. — Value Innovation Program Center SUWON, SOUTH KOREA  
**Undergraduate UX Design Intern** Jun '15 – Aug '15

- Conducted evolutionary patent mapping regarding connected cars

- Developed a concept product design based on the map through sketching and storyboarding, created a concept video and a 3D prototype
- Suggested user interface improvements of Evolutionary Mapping System of the corporation

LG Electronics Co., Ltd. — Research & Development Center SEOUL, SOUTH KOREA  
**Undergraduate UX Design Intern** *Apr '13 – Feb '14*

- Developed a user scenario of smart glass and leap motion - LG home appliances interaction, created a concept video and demo application
- Registered a patent for 3D motion control application for smart TV (1020140043505) and exhibited in Hanium Expo 2013, Seoul

## Publications

Us vs. Them: Understanding Artificial Intelligence Technophobia over the Google DeepMind Challenge Match. Changhoon Oh, Taeyoung Lee, Yoojung Kim, SoHyun Park, **Saebom Kwon**, Bongwon Suh. CHI 2017: ACM Conference on Human Factors in Computing Systems.

Guided Music Listening: Can a Virtual Character Help Us Appreciate Music Better? **Saebom Kwon**, Hyangsook Kim, Jusub Kim. HCIK 2017: HCI Korea Conference.

## Awards and Honors

Dow Master's Sustainability Fellowship ANN ARBOR, MI  
 Total \$20K, Graham Sustainability Institute, University of Michigan

Kwanjeong Scholarship SEOUL, SOUTH KOREA  
 Total \$18K, Kwanjeong Education Foundation

K-Global Startup Smart Device Challenge SEOUL, SOUTH KOREA  
 3rd Place, The Ministry of Science, ICT, & Future Planning

Sogang University Scholarship SEOUL, SOUTH KOREA  
 Total \$6K, Merit-based Scholarship

## Skills

**Technical Art** Adobe Photoshop/Illustrator/Premiere Pro/InDesign/AfterEffect, Rhino3D, 3D Printing

**UX Design** Design Thinking, Interview & Survey, Competitive Analysis, Contextual Inquiry, Personas & Scenarios, Storyboarding, Rapid Prototyping with paper/Sketch + InVision, Wireframing

**Programming** HTML5, CSS3, Python, R, PHP, MySQL, Processing, Arduino

**Natural languages** Korean (*mother tongue*), English (*Professional proficiency*).

## Student & Volunteer Activity

Office of Sustainability, City of Detroit DETROIT, MI  
**Volunteer UX Designer** *Jan '18 – Mar '18*

For the office's new project of Sustainability Dashboard, conducted comparative analysis of six different city sustainability dashboard cases and created wireframes for web dashboard with defined environmental and socio-economic sustainability key metrics

Sinseok Elementary School SEOUL, SOUTH KOREA  
**After-school Mentor** *Sep '16 – Dec '16*

Taught lower graders studying and playing activities in After-school program as a member of Donghaeng Project managed by City of Seoul

School of Art & Technology, Sogang University SEOUL, SOUTH KOREA  
**Departmental Student Representative** *Dec '14 – Dec '15*