

AEHONG MIN PH.D. STUDENT

RESUME

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EDUCATION

Ph.D., Informatics (Proactive Health Informatics)

Aug 2016 - Present | Indiana University Bloomington, IN, USA | Advisor: Patrick C. Shih

- Took HCI design courses (Experience Design, Mobile and Pervasive Design, etc.)

M.S., Information Systems (Digital Culture Contents/UX)

Mar 2013 - Feb 2015 | Yonsei University, Seoul, Republic of Korea | GPA: 4.07/4.3

- Took HCI/UX design and quantitative and qualitative research methodology courses

B.A., Sociology

Mar 2006 - Feb 2012 | Yonsei University, Seoul, Republic of Korea | GPA: 4.18/4.3

- Initial major: Visual Communication Design (2006-2008)
- Highest Honors (SP '06, FA '07), High Honors (FA'06, SP '07), Honors (SP '09, FA '10)

SELECTED WORK & RESEARCH EXPERIENCE

RESEARCH ASSISTANT, INDIANA UNIVERSITY BLOOMINGTON

Aug 2016 - Present | Indiana, USA

Principal investigator: Dr. Luis M. Rocha (Since Jan 2019)

myAURA: Epilepsy Information Management System Development (NIH-granted)

- Conducted focus group interviews with people with epilepsy and caregivers to identify their challenges in epilepsy information management
- Currently conducting prototype evaluations and social media analysis

Principal investigator: Dr. Patrick C. Shih (Since Aug 2016)

Well-being and Collaborative Work for Informal Caregivers of Older Adults

- Led, designed and conducted interviews with family caregivers and respite caregivers
- Mentored 2 undergraduate students on user research and UX design process
- Designed a prototype of a mobile app for family caregivers and respite caregivers
- Awarded Runner Up at Student Design Competition of CHI 2019 (Top 4%. One of 4 finalists.)

Smart Breathalyzer and Peer Support Research for College Students' Safe Drinking

- Led, designed, and conducted user study with college students on smart breathalyzers
- Proposed design implications for safe drinking; findings presented at iConference 2018
- Designed a prototype app for the breathalyzer; a journal paper is accepted at IJHCS.
- Awarded People's Choice Award at Projects and Research Symposium of Indiana Univ.

INTERN, ELECTRONIC ARTS KOREA

Feb 2014 - Mar 2014 | Seoul, Republic of Korea

- Analyzed UX (e.g., easiness, affordance, information architecture) of unpublished games
- Analyzed domestic & international video, online, and mobile game markets

RESEARCH ASSISTANT, YONSEI UNIVERSITY

2012 - 2014 | Seoul, Republic of Korea

Principal investigator: Dr. Junho Choi

LG Electronics-Yonsei Contents UX Lab Mobile Communication R&D Project

- Designed and moderated UX studies (surveys, interviews, focus group, A/B testings, diary study, participatory design, etc.) to investigate users' preferences, test usability/UX and improve new/unreleased smart devices (e.g., smartphone, tablet, wearable) and apps
- Studied on diverse target populations (e.g., nationality, occupation, device, etc.)
- Translated materials and conducted testings with different languages (Korean, English, Japanese)

PROFILE

I have research experience on UX/HCI with multiple collaborators in both academia and industry.

I have utilized mixed methods with sociological, design, and UX perspectives to understand people and design potential technologies to provide better experiences. Currently, I am interested in technologies to support cooperative works for one's well-being and healthy life.

SELECTED SKILLS

Research Methods

Mixed method, survey, interview, focus group, observation, participatory design, usability testing, UX testing, A/B testing, controlled laboratory experiments, persona, scenario-based design, cognitive walkthrough, card sorting, repertory grid, Q-methodology, affinity diagram, statistical analysis, grounded theory, content analysis

Data Analysis Tools

Dedoose, SPSS, Stata, PLS, LISREL, QUANL

Design

Photoshop, Illustrator, InDesign, XD, Lightroom, Premiere, Final Cut, InVision, Unity 3D, wireframing, sketching, prototype, UX/UI design, Web (HTML, CSS)

Language

English, Korean, Japanese

SELECTED SERVICES

- Organizer: HelloResearch '18
- Conference Paper Reviewer: CHI '19, '20, CSCW '18, '19, DIS '19, AMIA '18, '19
- Student Volunteer: CHI '18, '19, '20, CHI PC '15, '20, TEI '19, DIS '19, SIGCHI Executive Committee