

HYOWON LEE

INTERACTION DESIGNER-RESEARCHER

I create novel usage scenarios, interaction and visualisation strategies and user-interfaces for variety of interactive platforms and devices. I combine the knowledge in the field of Human-Computer Interaction with a designerly approach in studying users, framing, sketching and prototyping

CONTACT

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WORK EXPERIENCE

Assistant Professor (2020 -) Dublin City University, Ireland

Senior Research Fellow (2020)

Insight Centre for Data Analytics, Dublin City University

Assistant Professor (2011 – 2019)

Faculty at Singapore University of Technology and Design

Visiting Scholar (2012 - 2013)

Massachusetts Institute of Technology, U.S.A.

In-house Interaction Designer/Researcher (2001 – 2011)

Resident interaction designer and usability expert at Dublin City University, Ireland

EXPERTISE & SKILLS

Designing user-interfaces and experiences through systematic, creative and designerly exploration


I use methods, processes and tools from usability engineering including concept generation, constructing design space, wireframing, low-/high-fidelity sketching, prototyping and various usability testing techniques such as observation, think-aloud, diary and interview

EDUCATION

Ph.D in Computer Science
Dublin City University, Ireland

M.Sc in Information & Library Studies
Robert Gordon University, Aberdeen, U.K.

B.Eng in Computer Science
Soong Sil University, Seoul, Korea



I designed over **65** novel interactive applications, of which **41** were full-fledged working prototypes, **33** were formally user-tested and **9** were deployed and its usage monitored over time

Platforms include desktop/web, smartphone, tablet, tabletop, TV, in-home display, multi-touch wall and tangible objects

While my designs demonstrate creativity in concept and detailed interface and visualisation features, I develop a strong design rationale to argue the decisions behind the design in each project. I published over **140** peer-reviewed papers, articles and co-authored books to share these design rationale and contribute to the relevant communities