

Curriculum Vitae/Resume

Hyein Lee

Dept. of Industrial Design, KAIST

291 Daehak-ro (373-1 Guseong-dong)

Tel) +82-10-6401-7857

Yuseong-gu, Daejeon 305-701

Email) thehil601@kaist.ac.kr

Republic of Korea

Education

2018.9 – Present **KAIST (Korea Advanced Institute of Science and Technology)**

Master Student, MAKinteract Lab, Department of Industrial Design

2013.2 – 2018.2 **KAIST (Korea Advanced Institute of Science and Technology)**

Undergraduate, Cum Laude, Department of Industrial Design

2010.2 - 2013.2 **KSA (Korea Science Academy)**

Tools

Inventor, Rhino, Arduino, Processing, Keyshot, Photoshop, Illustrator, InDesign, Premiere, After Effect

Academic Experience

– 2019.05 Paper, CHI 2019

- Presenter
- VirtualComponent: A Mixed-Reality Tool for Designing and Tuning Breadboarded Circuits
- Yoonji Kim, Youngkyung Choi, Hyein Lee, Geehyuk Lee, and Andrea Bianchi
- KAIST, Dept. of Industrial Design, Prof. Andrea Bianchi

– 2018.04 Paper, CHI 2018

- Hapcube: A Wearable Tactile Device to Provide Tangential and Normal Pseudo-Force Feedback on a Fingertip
- Hwan Kim, HyeonBeom Yi, Hyein Lee, and Woohun Lee
- KAIST, Dept. of Industrial Design, Prof. Woohun Lee

– 2018.04 Demonstration, CHI 2018

- Hapcube: A Fingertip-Sized Tactile Device Providing 2+1 Dimensional Pseudo-Force Feedback
- Hwan Kim, HyeonBeom Yi, Hyein Lee, and Woohun Lee
- KAIST, Dept. of Industrial Design, Prof. Woohun Lee

–2017.09 Student Researcher

- Grip-Sensing Controller for VR Game: Mimicking User's Real-World Behavior
- HyeonBeom Yi, Hwan Kim, Hyein Lee, and Woohun Lee
- KAIST, Dept. of Industrial Design, Prof. Woohun Lee

– 2012.12 Student Researcher

- Service Design Strategy of Banking Delivery Channels Based on Analysis of Service User's Behavior
- KAIST, Dept. of Industrial Design, Prof. Kyung-Won Chung

– 2012. 8 Student Researcher

- Variable Star Frequency in Open Cluster IC 4665
- Kongju National University, Dept. of Earth Science Education, Prof. Hee Soo Kim

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- 2012.5 **Participant, Science Academy R&E and Superior Research Joint Conference**
 - Presenter, Student Researcher
 - The search of Binary Stars in Open Cluster with CCD Observations
 - Kongju National University, Dept. of Earth Science Education, Prof. Hee Soo Kim
 - 2011. 12 **Student Researcher**
 - The search of Binary Stars in Open Cluster with CCD Observations
 - Kongju National University, Dept. of Earth Science Education, Prof. Hee Soo Kim
 - 2010. 12 **Student Researcher**
 - Analysis of Ionosphere according to seasonal and latitudinal variations with SID Monitor Observations
 - Korea Science Academy, Dept. of Physics & Earth Science, Prof. Sun Mie Park
 - 2009.2 **Student Researcher**
 - *Albizia* Fruit Fossils from the Miocene Duho Formation of Yeonil Group in the Pohang Basin, Korea
 - Kongju National University, Dept. of Earth Science Education, Prof. Jong-Heon Kim

Personal Experience

- 2016.3 –2016.6 **Buddy of Exchange Student (Best Buddy Award)**
- 2015.8 –2016.1 **Exchange Student in Ecole Centrale Paris**
- 2014.6 – 2014.9 **KOSAF(Korea Student Aid Foundation) Dream Challenger**
 - Arduino Education Project Team sponsored by KOSAF
 - Visit Europe(UK, Belgium, Germany, Italy)
- 2013.3 – 2018.2 **Acoustic Singing Club ‘Sixline’**
Cooking Club ‘Goong Mat’
Model Club of KAIST ‘MOKA’
- 2012.8 **KSASF (KSA Science Fair) 2012 Vice Director**
- 2011.7 – 2011.8 **Complete a ‘Astrophysics’ course in MITY (Minnesota Institute for Talented Youth) at Macalester College in USA**
- 2011.3 **Buddy of Exchange Student from NUS High School in Singapore**
- 2010.11 **Buddy of Exchange Student from G.T college in Hong Kong**
- 2010.9 – 2011.5 **Leader of Education Volunteer Club ‘Pure’**
- 2010.7 **Volunteer in Mongolia**
 - Educational Service (Computer, Korean)
 - Mural Work
- 2010.3 – 2012.12 **KSA Student Union**
- 2010.2 – 2013.2 **Dance Club ‘Star Storm’**
- 2010.2 –2011.12 **KSA Orchestra**
- 2010.2 – 2011.12 **Astronomical Observation Club ‘Along Starlight’**