

# TAEWOOK KIM

DOCTORAL STUDENT, HKUST

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Webpage : <http://hcikim.github.io>

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RESEARCH  
INTERESTS

Human-Computer Interaction, Interactive System,  
Human-Engaged Computing, Affective Computing

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EDUCATION

**The Hong Kong University of Science and Technology** *Hong Kong SAR*  
*Ph.D. in Computer Science and Engineering*  
Advisor: Prof. Xiaojuan Ma *Starts on Sep. 2018*

**Hanyang University** *Seoul, South Korea*  
*B.S. in Business Administration*  
*B.S. in Computer Science and Engineering* *Mar. 2012 - Feb. 2018*

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RESEARCH  
EXPERIENCES

**HCI Initiative, The Hong Kong University of Science and Technology**  
Advisor: Prof. Xiaojuan Ma *Jun. 2017 - Aug. 2017*

- Mediating Color Filter Exploration with Color Theme Semantics Derived from Social Curation Data
- Wrote scripts in Python to collect millions of informal data from a crowdsourcing platform.
- Embedded the collected natural language dataset into the pre-trained vector space by word2vector.
- Performed *K*-means clustering based on the 300 dimensional feature distribution of the data.
- Facilitated a user study to identify the implication of our study.

**Intelligent Business Information System, Hanyang University**  
Advisor: Prof. Jong Woo Kim *Jan. 2017 - Jun. 2017*

- Multidimensional Approach of Opinion Mining from Online Product Reviews
- Made use of Python libraries; BeautifulSoup 4 and Selenium to collect informal data from Amazon.
- Processed the data with the use of Python Natural Language Toolkit.
- Conducted sentimental analysis on each sentence using VADER model.
- Plotted the generated numerical results through python libraries.

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WORK  
EXPERIENCES

**Wingstudio Inc.** *Seoul, South Korea*  
Management Assistant | Supervisor : CEO Inho Hur *Jan. 2015 - Dec. 2015*  
- Facilitated employees' work efficiency at a start-up mobile game company.

**2nd Infantry Division, The United States Army** *Camp Casey, South Korea*  
Translator | Supervisor : CPT Gregory Gemedschiew *Apr. 2013 - Jan. 2015*  
- Served South Korea as a member of the Korean Augmentation To The United States Army.  
- Graduated from the U.S. Army Non-Commissioned Officer Academy as nominated foreign military personnel (Nominated only 2 soldiers amongst 1,500 soldiers).

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NATURAL  
LANGUAGES

**Fluent** in English (TOEFL iBT 103 | Speaking: 26 Writing: 27)  
**Native** in Korean

PROGRAMMING  
LANGUAGES

**Proficient** in Python  
**Familiar** with C, C++, HTML, CSS