

TAEWOOK KIM

PROSPECTIVE DOCTORAL STUDENT, HKUST

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Webpage : <http://tw-kim.github.io>

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RESEARCH INTERESTS

Human-Computer Interaction, Interactive System,
Computational Linguistics, Affective Computing

EDUCATION

The Hong Kong University of Science and Technology
Ph.D. in Computer Science and Engineering
Advisor: Prof. Xiaojuan Ma

Hong Kong
Beginning on Sep. 2018

Hanyang University
B.S. in Business Administration
B.S. in Computer Science and Engineering

Seoul, South Korea
Mar. 2012 - Feb. 2018

PUBLICATION

Taewook Kim, Dong Hyun Kim, Dong Sung Kim, Jong Woo Kim. 2018. Multidimensional Analysis of Consumers' Opinion from Online Product Reviews. In *Proceedings of the 24th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '18)*, London, United Kingdom (Under Review)

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.
Management Assistant | Supervisor : CEO Inho Hur
- Facilitated employees' work efficiency at a start-up mobile game company.

Seoul, South Korea
Jan. 2015 - Dec. 2015

2nd Infantry Division, The United States Army
Translator | Supervisor : CPT Gregory Gemedschiew

Camp Casey, South Korea
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).

AWARDS & HONORS	2nd Place, Hanyang Business Lab. Research Proposal Competition - \$ 0.7K Research grant awarded by School of Business, Hanyang University on December 2017.
	3rd Place, Hanyang Business Lab. Research Proposal Competition - \$ 0.5K Research grant awarded by School of Business, Hanyang University on June 2017.
	1st Place, Hanyang Business Lab. Research Proposal Competition - \$ 1.0K Research grant awarded by School of Business, Hanyang University on November 2016.

NATURAL LANGUAGES	Fluent in English (TOEFL iBT 103 Speaking: 26 Writing: 27) Native in Korean Beginner in Mandarin
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PROGRAMMING LANGUAGES	Proficient in Python Familiar with C, C++, HTML, CSS
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EXTRA INTERESTS	Marathon - Finished 42.195 km at NN Marathon Rotterdam on April 2016 Foreign Languages - Learning five different languages: Czech, German, Russian, and French
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REFERENCES	Prof. Jong Woo Kim kjw@hanyang.ac.kr Academic Advisor, Division of Business Administration School of Business, Hanyang University Prof. Sang Min Lee leesm@hanyang.ac.kr Chair of Division, Division of Business Administration School of Business, Hanyang University
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