

# Hongjun Lim

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*Seeking a Job Opportunity or a PhD Placement*

## Education

- 2016–2018 **MS, Data Science Lab**, *Graduate School of Culture Technology, KAIST, Daejeon, South Korea.*  
Advisor: Professor Wonjae Lee  
Co-Advisor: Professor Meeyoung Cha  
Master's Thesis: Understanding comments on social news: analyzing comment-reading behavior and comparing textual similarity on facebook news posts
- 2012–2016 **BS, Digital Media**, *Ajou University, Suwon, South Korea.*  
Advisor: Professor Kyungwon Lee

## Work Experience

- March 2018– **NAVER Corporation, Research intern**, *Seongnam, South Korea.*  
NAVER TV Recommendation System Team  
Programing language: Tensorflow/Python/R/Java/Hadoop/Scala
- September 2015–July 2016 **Onezero Soft, Inc. Research Institute Assistant**, *Seoul, South Korea.*  
Developing a window application, hybrid application, and the research project, "Method and system for managing total financial information".  
Programing language: C Sharp/Ionic framework/Java/R/Python/SQL Server
- June 2015–September 2015 **Onezero Soft, Inc. Research Institute Internship**, *Seoul, South Korea.*  
Developing the android application, "JewelryBag" for the jewelry sellers.  
Programing language: Android

## PAPERS

**Hongjun Lim, Meeyoung Cha and Donghee Yvette Wohn**, "Understanding Comments on Social News: Analyzing Comment-reading Behavior and Comparing Textual Similarity on Facebook News Posts", KAIST, 2018.

**Jaewoo Kim, Yui Ha, Seungchae Kang, Hongjun Lim and Meeyoung Cha**, "Detecting Multiclass Emotions from Labeled Movie Scripts", Big Data and Smart Computing (BigComp), 2018 IEEE International Conference.

**Hongjun Lim, Choongho Chung, Jihee Kim, Juho Kim, Sue Moon and Meeyoung Cha**, "Changing News Media Landscape in South Korea", WWW SNOW 2017, Perth, Australia.

**Heungseok Park, Hongjun Lim, Wonjae Lee and Kyungwon Lee**, "NetSet: A Systematic Integration of Visualization for Analyzing Set Intersections with Network", IEEE PACIFIC VIS 2017 Visualization Notes, Seoul, South Korea.

**Heungseok Park, Hongjun Lim, Wonjae Lee and Kyungwon Lee**, "NetSet: Interactive Visualization for Analyzing Sets in Large Networks", IEEE VIS 2015 VDS Symposium Poster section, Chicago, USA.

## PATENTS

**Meeyoung Cha, Dongman Lee, Jaewoo Kim and Hongjun Lim**, "Apparatus and method for sentiment analysis keyword expansion", Korea Patent, No. 10-2017-0109905.

**Meeyoung Cha, Dongman Lee, Jeawoo Kim and Hongjun Lim**, “Apparatus and method for gathering public mood about place”, Korea Patent, No. 10-2017-0109904.

**Myeongill Shin, Yonghyun Lee and Hongjun Lim**, “Method and system for managing total financial information”, Korea Patent, No. 10-2016-0048820.

**Hongjun Lim, Heungseok Park and Kyungwon Lee**, “Apparatus and Method for Interactive Visualization for Analyzing Sets in Large Networks”, Korea Patent, No. 10-2015-0148286.

## PROJECTS

- December 2017 **Fake News challenge - 2017 Artificial intelligent R&D**, *Ministry of Science, ICT*.  
Developing a fake news detection using deep neural network.
- 2016–2017 **Developing machine intelligence based conversation system that detects situations and responds to human emotions**, *KEIT (Korea Evaluation Institute of Industrial Technology)*.  
Developing a multiclass emotion classifier that focus on negative emotions.
- 2016–2017 **Development of Data Mining Core Technologies for Real-time Intelligent Information Recommendation in Smart Spaces**, *IITP (Institute for Information & communications Technology Promotion)*.  
Development of analysis techniques for mood categories to be useful in recommendation services and a mood extraction method which depends on the social meaning of the place.
- June 2016 **AjouVance**, *Undergraduate project*.  
Developing a application that calculates difficulty of the semester and recommends courses for Ajou university students. (Android application)  
*Programing language: Python/R/Spring framework/MySQL*
- November 2015 **Web based Image Search System**, *Undergraduate project*.  
Image search system using computer vision algorithms on the web platform. (Web application)  
*Programing language: C++/R/HTML/Javascript/PHP/MySQL*
- November 2015 **TeamMate**, *Undergraduate project*.  
Project building hybrid application for students. (Hybrid application)  
*Programing language: Ionic framework/PHP/mysql*

## Computer skills

- Programming TensorFlow, Keras, Python, R, Java, Processing, Hadoop, C Shape, C, PHP, MySQL, JavaScript
- Tools PyCharm, Jupyter, Eclipse, Visual Studio, Sublime Text, Gephi, Git, Putty, Adobe Illustrator
- OS Microsoft Window, Linux, Mac OS
- Certificate Industrial Engineer Information Processing (Human Resource Development Service of Korea)