

# 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, Machine Learning Engineer**, *Seongnam, South Korea*.  
Design and develop AI Recommender System (AiRS)  
*Programming language: Tensorflow/Python/Spark/Scala/Hive/C++/R*
- September 2015–July 2016 **Onezero Soft, Inc. Research Institute Software Engineer**, *Seoul, South Korea*.  
Conduct research on method and system for managing total financial information and develop applications.  
*Programming language: C Sharp/Ionic framework/Java/R/Python/SQL Server*
- June 2015–September 2015 **Onezero Soft, Inc. Research Institute Internship**, *Seoul, South Korea*.  
Develop android application, “JewelryBag” for the jewelry sellers.  
*Programming language: Android*

## PAPERS

**Seunghyun Yoon, Kunwoo Park, Joongbo Shin, Hongjun Lim, Seungpil Won, Meeyoung Cha, and Kyomin Jung**, “Detecting Incongruity Between News Headline and Body Text via a Deep Hierarchical Encoder”, AAAI Conference on Artificial Intelligence (AAAI) 2019.

**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”, IEEE International Conference on Big Data and Smart Computing (BigComp) 2018.

**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, and Kyungwon Lee**, “NetSet: Interactive Visualization for Analyzing Sets in Large Networks”, IEEE VIS 2015 VDS Symposium Poster section, Chicago, USA.

## PATENTS

**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*.  
Design and develop deep neural network models for detecting fake news.
- 2016–2017 **Developing machine intelligence based conversation system that detects situations and responds to human emotions**, *KEIT (Korea Evaluation Institute of Industrial Technology)*.  
Develop 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*.  
Develop application that calculates difficulty of the semester and recommends courses for Ajou university students. (Android application)  
*Programming language: Python/R/Spring framework/MySQL*
- November 2015 **Web based Image Search System**, *Undergraduate project*.  
Develop web image search application using computer vision algorithms.  
*Programming language: C++/R/HTML/Javascript/PHP/MySQL*
- November 2015 **TeamMate**, *Undergraduate project*.  
Develop project building application for students. (Hybrid application)  
*Programming language: Ionic framework/PHP/mysql*

## Computer skills

- Programming TensorFlow, Keras, Python, Spark, Hive, Scala, R, Java, C++, Processing, C Shape
- Tools PyCharm, Jupyter, IntelliJ, Zeppelin, 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)