

Haekyu Park

Contact	Data Mining Laboratory, Building 138 #314, Seoul National University 1, Gwanak-ro, Gwanak-gu, Seoul, Republic of Korea 08826 Email: hkpark627@snu.ac.kr Homepage: http://haekyu.com		
Education	B.S., Computer Science and Engineering Seoul National University, Seoul, Republic of Korea Graduated with honors (Cum Laude)	Mar. 2012 - Aug. 2017	
Research Interests	Machine Learning, Data Mining, Graph Data Mining		
Publications	<ol style="list-style-type: none">1. Junghwan Kim, <u>Haekyu Park</u>, Ji-eun Lee, and U Kang, SIDE: Representation Learning in Signed Directed Networks, The Web Conference (Previously known as WWW, World Wide Web Conference) 2018. (under review)2. <u>Haekyu Park</u>, Hyunsik Jeon, Junghwan Kim, Beunguk Ahn, and U Kang, UniWalk: Explainable and Accurate Recommendation for Rating and Network Data, SIAM International Conference on Data Mining (SDM), 2018. (under review)3. <u>Haekyu Park</u>, Jinhong Jung, and U Kang, A Comparative Study of Matrix Factorization and Random Walk with Restart in Recommender Systems, IEEE International Conference on Big Data (BigData), 2017. (to appear)		
Projects	<ol style="list-style-type: none">1. Recommender system on videos of Oksusu application with SKT2. Personalized Recommendation on Credit Card Benefits with Hyundai Card	2017 (Present)	2016
Awards and Honors	National Scholarship For Science and Engineering Merit-based	2015	
Work Experience	Research Intern Advisor: Prof. U Kang Data Minig Lab at Seoul National University	June 2016 - Present	
Graduate coursework	Probabilistic Graphical Models @ Seoul National University	Fall 2016	
Technical Skills	Advanced: Python, Java, C, C++. Experienced: Matlab, OpenCL, Ocaml, Scheme, HTML.		

- Extracurricular Activities**
1. Group study of statistics Sept. 2017 - Present
 - With a book: "All of Statistics: A Concise Course in Statistical Inference", Larry Wasserman.
 - All members give a presentation for each topic in the book once a week.
 2. Private tutoring 2012 - Present
 - Programming languages (Python, Java, C, Scheme) for graduate students, undergraduate students, workers in brokerage firms, and a businessman.
 - Mathematics for high school and elementary school students.
 - Physics for high school students.
 - Chemistry for high school students.
 3. Tutoring Jan. - Aug. 2015
 - General science for elementary school students.
At Jungdae elementary school, Jamshin elementary school, Songjeon elementary school, and Daemyung elementary school in Seoul, Korea.
 - Study habit for elementary school and middle school students.
At Samsung Digital City in Suwon, Korea.
 4. Buddy assistant Feb. - Aug. 2014
 - In club SNU (Seoul National University) Buddy.
 - Have become a friend with exchange students and helped them adapt to campus life and Korean culture.
 - Organized programs to enjoy together such as welcoming party, temple stay, short trips within Korea, folk games night, and farewell party.