

Haekyu Park

Contact	Data Mining Laboratory, Building 138 #314, Seoul National University 1, Gwanak-ro, Gwanak-gu, Seoul, Republic of Korea 08826 Email: hpark627@snu.ac.kr Homepage: http://haekyu.com
Education	B.S., Computer Science and Engineering Mar. 2012 - Aug. 2017 Seoul National University, Seoul, Republic of Korea
Research Interests	Machine Learning, Data Mining, Graph Data Mining
Publications	<ol style="list-style-type: none">1. <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)2. Junghwan Kim, <u>Haekyu Park</u>, Ji-eun Lee, and U Kang, SIDE: Representation Learning in Signed Directed Networks, ACM International Conference on Web Search and Data Mining (WSDM), 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 SKT 2017 (Present)2. Personalized Recommendation on Credit Card Benefits with Hyundai Card 2016
Awards and Honors	<ol style="list-style-type: none">1. National Scholarship For Science and Engineering 2015 Merit-based and fully funded
Work Experience	<ol style="list-style-type: none">1. Research Intern Jun. 2016 - Present Data Minig Lab at Seoul National University
Graduate coursework	<ol style="list-style-type: none">1. Probabilistic Graphical Models Fall 2016 - At Seoul National University
Technical Skills	Advanced: Python, Java, C, C++. Moderate: Matlab, OpenCL, Ocaml, Scheme, HTML.

Extracurricular Activities	1. Group study of statistics	Sept. 2017 - Present
	<ul style="list-style-type: none"> - 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
	<ul style="list-style-type: none"> - 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
	<ul style="list-style-type: none"> - 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
	<ul style="list-style-type: none"> - 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. 	