

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	Mar. 2012 - Aug. 2017	
Research Interests	Machine Learning, Data Mining, Graph Data Mining		
Publications	<ol style="list-style-type: none">1. Haekyu Park, 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, Haekyu Park, 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. Haekyu Park, 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 Merit-based and fully funded 2015		
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
 - 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.