

# Haekyu Park

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