

JAY YOON LEE

Computer Science Department
 9227 Gates Center
 5000 Forbes Avenue, Pittsburgh, PA 15213-3815
 www.andrew.cmu.edu/~jaylee
 lee.jayyoon@cs.cmu.edu +1-(412) 979 0789

EDUCATION	CARNEGIE MELLON UNIVERSITY, (CSD) Ph.D. in Computer Science (GPA: 3.95 /4.3) Advisor: Jaime Carbonell	May.2013 – Present
	CARNEGIE MELLON UNIVERSITY, (LTI & LCCB) M.S. in Computer Science (GPA: 3.95 /4.3)	Sep.2011 – May.2013
	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST) B.S. in Electrical Engineering, <i>summa cum laude</i>, 2008 (GPA: 3.94/4.3)	Mar.2003 – 2008
SCHOLARSHIPS & AWARDS	1. Scholarship in Science & Technology, Korea Student Foundation 2. Scholarship in Mathematics, Korea Foundation of Advanced Studies	Mar.2003 – Feb.2008 Mar.2005 – Feb.2008
PUBLICATIONS	1. Jay-Yoon Lee , Manzil Zaheer, Stephan Günnemann, Alex Smola, <i>Preferential Attachment in Graphs with Affinities</i> , AISTATS 2015 , May 2015 2. Jay-Yoon Lee , U Kang, Danai Koutra and Christos Faloutsos, <i>Fast Anomaly Detection despite the Duplicates</i> , poster paper on WWW 2013 , May 2013 3. U Kang, Jay-Yoon Lee , Danai Koutra and Christos Faloutsos, <i>Net-Ray: Visualizing and Mining Billion-Scale Graphs</i> , PAKDD 2014 , May 2014 4. Yibin Lin, Agha Ali Raza, Jay-Yoon Lee , Danai Koutra, Roni Rosenfeld, Christos Faloutsos, <i>Influence Propagation: Patterns, Model and Case Study</i> , PAKDD 2014 , May 2014 5. Ted E. Senator, Jay-Yoon Lee et al., <i>Detecting insider threats in a real corporate database of computer usage activity</i> , KDD 2013 , August 2013	
RESEARCH EXPERIENCE	Research Assistant under Professor Jaime Carbonell Multi-task learning: Combining parsing and MT Large scale optimization problem for multi-dimensional demand forecasting Research Assistant under Professor Alex Smola Scalable nonparametric graph generative model Research Assistant under Professor Christos Faloutsos Anomaly detection algorithm on large graphs Contact person for “ADAMS” DARPA, \$482k for CMU	Oct.2015 – Present Aug.2013 – Oct.2015 June.2012 – Oct.2015 Aug.2011 – May.2015
TEACHING	Teaching Assistant for Multimedia Databases and Data Mining Teaching Assistant for Machine Learning (Ph.D. course)	Fall 2014 Spring 2015
GRADUATE COURSEWORK	Intermediate Statistics, Multimedia Databases and Data Mining Spectral Graph Theory, Convex Optimization Statistical Machine Learning, Graduate Algorithm Advanced and Distributed Operating Systems	Fall 2012 Fall 2013 Spring 2014 Fall 2014
WORK EXPERIENCE	Oracle Labs , Boston, MA Syntactic parsing for multiple languages using LSTM. <i>Summer Internship</i> , mentor: Dr. Michael Wick, IRML team, June.2016 – Aug.2016 ZEROIN Corporation , Seoul, Korea INDEX Management System (Java). <i>Researcher (Alternative military service)</i> , Sep.2009 – June.2011 NICE Pricing Services, INC. , Seoul, Korea Equity-Linked securities and SWAP securities. <i>Associate (Alternative military service)</i> , Jul. 2008. – Aug. 2009 AMICUS WIRELESS TECHNOLOGY , Sunnyvale, CA <i>Intern</i> , Oct.2007 – Jan. 2008	
Miscellaneous	<i>Winner</i> , NeuroHackathon , Carnegie Mellon University, June 2016, \$5,000 team prize. <i>Best Presenter</i> , Global Top Talent , Hyundai Corporation, August 2016, \$3,000 prize. Topic: Predicting part failures through Hierarchical LSTM.	