

CHE YEOL (JAYEOL) CHUN

415 South St. MS 018, Waltham, MA 02454

EDUCATION

Brandeis University Ph.D. Computer Science Michtom Fellowship	Waltham, MA May 2024
Emory University B.S. Mathematics and Computer Science & Physics, <i>summa cum laude</i> Emory Merit Scholarship Sigma Pi Sigma Honor Society 100 Senior Honorary Class of 2018	Atlanta, GA May 2018

TECHNICAL STRENGTHS

Programming Languages	Python, Java, C/C++, MATLAB, R, JavaScript
Tools & Frameworks	Tensorflow, MxNet, CoreNLP, NLP4J, Scikit-Learn, Docker, Git

RESEARCH EXPERIENCE

Brandeis University <i>Research Assistant</i>	Atlanta, GA Aug 2018 - Present
· Focuses on improving performance of AMR parsing and on down-stream applications using AMR graphs	
Emory NLP Research Group, Emory University <i>Undergraduate Researcher</i>	Atlanta, GA Jun 2016 - May 2018
· Compiled three dependency treebanks in Korean (<i>LREC'18</i>)	
Weissman Evolutionary Theory Research Group, Emory University <i>Undergraduate Researcher</i>	Atlanta, GA Aug 2015 - May 2018
· Analyzed tree properties of Kingman and Bolthausen-Sznitman coalescent models	

PROFESSIONAL EXPERIENCE

DEARGEN Inc. <i>Intern, Data Scientist</i>	Daejeon, South Korea June 2018 - Aug 2018
· Implemented WGAN-GP variant to produce synthetic gene expression data to augment TCGA	
CAIDE Systems <i>Intern, Deep Learning Researcher</i>	Lowell, MA May 2017 - Aug 2017
· Implemented BEGAN variant to produce synthetic CT data to augment limited dataset	

PUBLICATIONS

Building Universal Dependency Treebanks in Korean <i>Chun, Jayeol; Han, Na-Rae; Hwang, Jena D.; Choi, Jinho D.</i>	Miyazaki, Japan May 2018
· In <i>Proceedings of the 11th International Conference on Language Resources and Evaluation, of LREC'18</i>	
Dependency Analysis of Abstract Universal Structures in Korean and English <i>Chun, Jayeol</i>	Atlanta, GA Apr 2018
· Honors thesis in the Department of Mathematics and Computer Science at Emory University	