

Do June Min

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Education

University of Michigan

PhD Student in Computer Science
Start Date: Fall Semester, 2020

University of Michigan

MS in Computer Science
GPA: 3.934, Graduation Date: May 2020

Swarthmore College

BSc, Double Major in Computer Science and Mathematics
GPA: 3.86, Graduation Date: May 2018

Korean Minjok Leadership Academy

Graduation Date: February 2012

Academic Experience

Research at Language and Information Technologies, University of Michigan with Professor Rada Mihalcea, Dr Veronica Perez-Rosas

Topic: Analyzing Patient-Nurse Conversations in a Comparative Effectiveness Study for Glycemia Reduction Approaches in Diabetes

September 2019 - Present

Summer Research at Swarthmore College

Topic: Cybersecurity game model with imperfect observation
May 2017 - August 2017

Work Experience

University of Michigan

Research Assistant on NIH-funded project

Project: Analyzing Patient-Nurse Conversations in a Comparative Effectiveness Study for Glycemia Reduction Approaches in Diabetes

September 2019 - July 2020

Samsung Research Center, Seoul

Intern, Smart Mobile Application Development Team

Project: Human Activity Recognition with Smartphones for SmartHome App

June 2016 - August 2016

	Republic of Korea Army Military Service, October 2013 - July 2015
Awards and Fellowships	Surdna Foundation Fellowship Granted for Summer Research with Swarthmore Faculty Member, 2017 Member of Sigma Xi, The Scientific Research Honor Society Inducted for Research Work with Faculty Member, 2017
Projects	Research: Insights from Attacking Interpretable Models Investigated Style Transfer and Input Thresholding as a means to make deep learning models more robust against adversarial attacks on images Research: Using NEAT + ES to Play Games Approached the problem of playing “Flappy Bird” game via evolutionary strategy along with the neuroevolution of augmenting topologies method. Development: Finite State Transducer for Korean in Apertium Developed a tool for morphological analysis and generation, and Part-Of-Speech tagging of Korean
Programming Languages and Frameworks	Python, C++, Java, LLVM, OCaml
Research Interests	Machine Learning, Natural Language Processing
Publication	<ol style="list-style-type: none"> 1. Do June Min, Veronica Perez-Rosas, Shihchen Kuo, William H. Herman, and Rada Mihalcea. UPSTAGE: Unsupervised context augmentation for utterance classification in patient-provider communication. <i>Proceedings of Machine Learning Research</i>, 2020 2. Do June Min, Verónica Pérez-Rosas, and Rada Mihalcea. Evaluating automatic speech recognition quality and its impact on counselor utterance coding. In <i>Proceedings of the Seventh Workshop on Computational Linguistics and Clinical Psychology: Improving Access</i>, pages 159–168, Online, June 2021. Association for Computational Linguistics