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

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. *Proceedings of Machine Learning Research*, 2020
   Acceptance Rate: 34%