Do June Min

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Education

University of Michigan
MS in Computer Science, Current GPA: 3.85
Expected Graduation Date: May 2020

Swarthmore College
BA, 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

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

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

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

Programming Languages

Python, C++, Java, OCaml

Research Interests

Machine Learning, Natural Language Processing

Relevant Coursework

Machine Learning, Deep Learning, Computational Linguistics, Artificial Intelligence, Adaptive Robotics, Semantics