

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

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

Summer Research at Computer Science Department of Swarthmore College
Research Title: Does deception work in **FlipIt** security games?
Topic: Cybersecurity game model with imperfect observation

Work Experience

Samsung Software Center, Seoul

Intern, Smart Mobile Application Development Team, June 2016 - August 2016
Project: Human Activity Recognition with Smartphones for SmartHome App

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 POS 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 in 2017 for Research Work with Faculty Member

Programming Languages

Python, C++, Java

Research Interests

Machine Learning, Natural Language Processing

Relevant Coursework

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