

# 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 (proficient), C++ (proficient), Java (proficient), OCaml (experienced)

## Research Interests

Machine Learning, Natural Language Processing

## Relevant Coursework

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