

# Do June Min

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## Education

### University of Michigan

MS in Computer Science, Current  
GPA: 3.934, 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

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 and Frameworks**

Python, C++, Java, LLVM, OCaml

**Research Interests**

Machine Learning, Natural Language Processing

**Relevant Coursework**

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