

# **Ikhee Shin**

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## **Education**

M.S. Electrical and Computer Engineering, University of Michigan, August 2021-

B.S. Electrical and Electronic Engineering, Yonsei University, March 2013-August 2019

## **Work Experience**

### **Engineer**

August 2019–July 2021

Natural Language Processing Lab, Samsung Research

Seoul, Korea

ML engineer in NLP Lab. Developed Natural Language Understanding and Dialogue State Tracking Models.

### **Research Assistant**

September 2018–December 2018

Yonsei University

Seoul, Korea

Student in the Digital Signal Processing and Artificial Intelligence Lab under the direction of Prof. Kang.

Research focused on music source separation.

### **Clova ML intern**

July 2018–August 2018

Naver Clova AI Research

SeongNam, Korea ML

Intern in the Naver Clova AI Research. Project focused on Multi-attribute classification of face image.

### **Clova Multimedia intern**

January 2018–June 2018

Naver Clova AI Research

SeongNam, Korea

Multimedia intern in the Naver Clova AI Research. Project focused on developing Text-To-Video model.

### **Research Assistant**

August 2017–January 2018

Yonsei University

Seoul, Korea

Student in the Multimedia Security Lab under the direction of Prof. Teoh. Research focused on improving GAN.

### **Operator**

February 2014–February 2016

Republic of Korea Air Force

Seosan, Korea

Operator in the Base Protection Group. Operated daily Base Protection training of Air Defense Artillery and monitored invasion of fighter aircrafts. Honorable discharge as a Sergeant.

## **Lectures**

1. Machine Learning, Andrew Ng
2. CS231n, Fei-Fei Li, Andrej Karpathy, Justin Johnson
3. Machine learning 10-701, Tom Mitchell
4. RL Course, David Silver
5. PROBABILITY AND RANDOM VARIABLES, Yonsei
6. ARTIFICIAL INTELLIGENCE, Yonsei
7. LINEAR ALGEBRA AND ITS APPLICATION, Yonsei
8. MULTIMEDIA SIGNAL PROCESSING, Yonsei
9. DIGITAL IMAGE PROCESSING, Yonsei
10. DIGITAL SIGNAL PROCESSING, Yonsei