

Woobin Jin

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"Today's special moments are tomorrow's memories."

Education

Kyunghee University

SENIOR STUDENT MAJOR IN ELECTRIC ENGINEERING, MINOR IN COMPUTER SCIENCE

- Major GPA of 3.72 / 4.5, Total GPA of 3.69 / 4.5
- Bachelor's Thesis : Active Noise Cancelling System Using LMS Algorithm and Cross-Correlation

Mar. 2015 - Feb. 2021

Yongin, S.Korea

Posco AI Big Data Academy

AI AND BIG DATA

- Machine Learning Algorithm
- Data Processing and Data Mining

Oct. 2020 - Nov. 2020

Pohang, S.Korea

Google Machine Learning Bootcamp

AI SPECIALIZATION COURSE WITH COURSERA GOOGLE

- Neural Networks and Deep Learning
- Structuring Machine Learning Projects
- Convolutional Neural Networks

Sep. 2020 - Dec. 2020

S.Korea

Internships

Media Lab of College Electronics in Kyunghee Univ.

UNDERGRADUATE RESEARCHER

- Researched FFT Algorithm for Digital Signal Processing and implemented the Code with C++
- Simulated Optimization Algorithm(AdaGrad, Adam) using Python modules like matplotlib, scikit learn

Yongin, S.Korea

Sep. 2019 - Feb. 2020

Regional ICT Convergence Research Lab of ETRI

SUMMER RESEARCH INTERN

- Designed 'Transfer Learning' Program Based on CNN Using Keras and Tensorflow
- Developed Data Mining Tool of Machine Learning Smart Factory Framework With CubicTek
- Trained and evaluated model predicting machine fault using Deep Learning
- Studied Arima model and 1D CNN for Predictive Maintenance System

Pangyo, S.Korea

Jul. 2020 - Aug. 2020

Home and Appliance Air solution Development of LG Electronics

INTERN

- Developed 'Periodic Defrost' Software Solution Based on C
- Experienced Embedded Programming with MCU On PCB Board
- Wrote Test Case and Compared Result with Testing the Case

Changwon, S.Korea

Nov. 2020 - Dec. 2020

Project Experience

2020 Hanium Competition

TEAM LEADER, GIT MASTER

- Building a Rule-based Autonomous Driving Escort Robots using ROS-melodic Platform
- Calculated the Optimized Path comparing A* algorithms and Dijkstra algorithm
- Hardware: LIDAR, SR04, IMU Sensors and Raspberry Pi, OpenCR, TurtleBot, Actuator(Dynamixel)
- Software: C++, OpenCV for Robot driving and built GUI Application with Qt Designer
- All the development was done on Ubuntu 18.04

Seoul, S.Korea

Mar. 2020 - Now

2019 KHLUG Hackathon

MEMBER

- Developed Roommate finding Service with Ruby on Rails, Html, Css
- Used Django for Backend Programming

Yongin, S.Korea

Jul. 2019

Extracurricular Activity

Andyworkingholiday(RnB Group)

PRODUCER & COMPOSER

- 1st Single : 'Saturn' (2016.09)
- 2st Single : 'The Girl' (2017.09)
- 1st Ep : 'B02' (2018.10)

Seoul, S.Korea

Sep. 2016 - Now

Skills

Languages: C/C++, Python, Ruby

Software Frameworks: Tensorflow, Keras, Flask, Django

Developer Tools: Git, VS Code, Visual Studio

Data Analysis: Pandas, NumPy

Language Proficiency

Fluent in English, Native in Korean

- TOEIC SPEAKING Level 7 (160)