

조민정 JoMinJung

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Education

Pusan National University

B.S in Computer Science

2014.03-2019.02

Skills

Language

C/C++

Python

CUDA C/C++

Java

HTML

JQuery

JavaScript

Library

Pandas, Numpy

PyTorch

Spring 4

Flask

ROS Kinetic

Tools

Android Studio

Visual Studio Code

IDA

Interests

Deep Learning

Machine Learning

Data Visualization

Lightweight Modeling

Hardware Engineering

Reverse Engineering

Backend

System Security

Awards & Honors

Scholarship

2014, 2nd semester

Scholarship

2016, 1st semester

LG Vulnerability Detection

Certificate

2016.12.12

Special Prize in Codegate

Hacking Video Competition

2014, 2nd semester

Grand Prize in 2018 KISA

security Hacker-ton

2018.07.11



SUMMARY

Software Engineer

- Like to learn new things
- Interested in improving programs efficiently



Projects & Lecture

Graduation Project Python, ROS, Hector Slam, NodeJS

Delivery Service with Indoor Autonomous Driving

Pusan National Univ.

- Planned the schedule as PM
- Developed map creation function with SLAM algorithms
- Developed Hardware Movement

2018.04-2018.11

Project in BOB Python, IDA, Reverse Engineering

IoT Hacking and Forensic with 0-Day

Best of the Best

- Analyzed network vulnerability
- Studied system hacking

2016.09-2016.12

Smart Flowerpot Project C/C++

Created management system for plants

Pusan National Univ.

- Developed various sensor functions such as LED, motor...
- Designed system functions and structure
- Developed bluetooth communication with application

2017 2nd Semester

Recommend System in Brunch Service Pytorch

To learn recommend system, participated competition

personal

- Implemented ConvMF (ref: ConvMF for Document Context-Aware Recommendation)
- Realized Matrix Factorization

2021.01-2021.04

Model Optimization Pytorch, Flask, HTML, JQUERY

Learned how the model is optimized for CPU or GPU

Boostcamp AI Tech

- Developed NAS pipeline
- Performed a side project (On Device)
- To show performance of a custom architecture model

2021.05-2021.06

Freshman for Embedded Study Group C/C++

Taught embedded system in club

Keeper, club in univ

- How to develop software on ARM board
- How embedded systems works
- Basic of reverse engineering

2018, summer&winter Semester



Experiences

Best of the Best 5th(Next Generation Security Leader Training Program)

KITRI

Completed Vulnerability Analysis Track

2016.07-2017.03

Develop With Google 2nd

Google Korea

Participated in Women Developer's Camp

2018.01-2018.02

BoostCamp AI Tech

Naver Connect

Learned AI and Experienced in various AI Competition

2021.01-2021.06

2018 HITCON

HITCON

Presented on the project "IoT Hacking and Forensic with 0-Day"

2018.07



Careers

N Tech Service Software Engineer internship

Developed Web Site for Ticket Reservation

- Developed Back-end with Spring 4, Mybatis etc.
- Developed Front-end with Java Script, Html etc.

2019.07-2019.08