SUKJOON OH

CURRICULUM VITAE

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https://sjoon-oh.github.io

EDUCATION

Konkuk University,
Department of Electronics Engineering, South Korea
Overall GPA: 4.26 / 4.5
March, 2016 - February, 2020

Yonsei University,
School of Electrical and Electronic Engineering, South Korea
Overall GPA: 4.03 / 4.3
March, 2020 - Present

CERTIFICATE AND SCHOLARSHIPS

Konkuk University

Academic Scholarship, 40% scholarship
September, 2016

Academic Scholarship, 70% scholarship
February, 2017

Yonsei University

Academic Scholarship, half scholarship
February, 2021

INTERESTS

Computer Architecture, Deep Learning, Linux Systems, Rust

RESEARCH SKILLS

Language
C/C++, Java, Javascript, Python

Tools/Framework Experience
Desktop Application: Microsoft Foundation Class, PyQt
Web: JSP, Flask, Django REST, Spring Framework, Firebase Cloud Messaging
Database: MySQL, MongoDB, SQLite3
IaaS: Amazon Web Service EC2, Lightsail
Simulator: Cadence OrCAD, GNU Octave
Hardware: AVR, RaspberryPi
More: Hadoop, Spark MLlib, PyTorch, Xilinx Vivado

RESEARCH EXPERIENCE

Undergraduate Graduation Subject

Accelerating Recommendation System on GPU
January, 2021 – June, 2021

WORK EXPERIENCE

Discharged from Military Service at Republic of Korea Air Force
Operation Information & Communication Wing (OICW, Osan Air Base)
System Development Department,
Air Defense Missile System Team

KTMO-CELL Operation Software Development
Windows Application, *Real-time Logging System Multi-thread Conversion Project*
C/C++/MFC

Web-based Application, *Client and Server-side Refactoring Project*
Java/JSP/ECMAScript/MySQL

Data Exchange Server Maintenance
Spring Framework

KTMO-CELL Radar System Server Education Translation, *System Compilation*
By IAI ELTA (Israel Aerospace Industries, Elta Systems)
C/UNIX/Motif

July, 2017 - June, 2019

ACTIVITIES

Volunteer
Burak Social Welfare Center, Songtan, Gyeonggi-do, South Korea
Low-Income Households Children Support - Math, English Teaching
July, 2018 - March, 2019

Club

Electronics Academic Club, *x[deca]*
Graduation Project Exhibition Participation: AVR controlled Mini-plotter
Advanced C/C++ Programming Seminar Lead
OpenCV on RaspberryPi Seminar
ARM Coretex-M3 Study
March, 2016 - February, 2017

Programming Study Group, *LINK*
Algorithm Weekly Study
September, 2017 - June, 2019

Volunteering Club, *Burak*
September, 2017 - June, 2019

Robotics Academic Club, *Roboin*
September, 2020 – February, 2021

Computer Academics Club, *Yonsei Computer Club (YCC)*
February, 2021 – Present

Hackathon

1st ROK Air Force Creation and Innovation Idea Hackathon
Military Supplies' Life Cycle Prediction System, Collaborative Filtering
Spark MLlib
May, 2018

KU Medical Hackathon
Spinal Disease Managing Platform, Hardware and Mobile Application
Django REST API
Excellence Award
October, 2020 - November, 2020

Toy Projects

Github Repositories
https://github.com/sjoon-oh/
https://sjoon-oh.github.io/about/