

SUKJOON OH

CURRICULUM VITAE

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<https://acoustikue.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: 4.02 / 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, Embedded Systems, Parallel Computing, Managed Language

Multi Cores, Neural Processing Unit, Deep Learning, Neural Network

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

RESEARCH EXPERIENCE

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

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/acoustikue/>

Git Page: <https://acoustikue.github.io/about/>