

# SUKJOON OH

## CURRICULUM VITAE

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[acoustikue@yonsei.ac.kr](mailto:acoustikue@yonsei.ac.kr)

<https://acoustikue.github.io>

## EDUCATION

### **Konkuk University,**

Department of Electronics Engineering, South Korea

Overall GPA: 4.26 / 4.5

March, 2016 To February, 2020

### **Yonsei University,**

School of Electrical and Electronic Engineering, South Korea

Overall GPA: 3.81 / 4.3

March, 2020 To Present

## CERTIFICATE AND SCHOLARSHIPS

### Konkuk University

*Academic Scholarship, 40% scholarship*

September, 2016

*Academic Scholarship, 70% scholarship*

February, 2017

## 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*

## 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 To June, 2019

## ACTIVITIES

### Volunteer

**Burak Social Welfare Center**, Songtan, Gyeonggi-do, South Korea

*Low-Income Households Children Support - Math, English Teaching*

July, 2018 To 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 Cortex-M3 Study*

March, 2016 To February, 2017

Programming Study Group, *LINK*

*Algorithm Weekly Study*

September, 2017 To June, 2019

Volunteering Club, *Burak*

September, 2017 To June, 2019

Robotics Academic Club, *Roboin*  
September, 2020 To 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 To November, 2020

## Toy Projects

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