

# Hyungseop Yu

Curriculum Vitae

Last updated : May. 2023

---

## PERSONAL DATA

**Affiliation** Chonnam National University

E-mail [yjs917385@gmail.com](mailto:yjs917385@gmail.com)

[yjs917385@daum.net](mailto:yjs917385@daum.net)

---

## EDUCATION

Mar. 2020 ~ **Chonnam National University, Republic of Korea**

*Present* B.S. in Electrical Engineering

- Electronic Engineering (Minor)

---

## RESEARCH INTEREST

- **Control System**
- **Nonlinear Control Theory**
- **Robotics**

---

## RESEARCH EXPERIENCES

- **Programming or Software Skills** : C / Python / MATLAB / Simulink / Arduino
- **Embedded Control System Lab** - Prof. Young woo, Lee (Oct. 2022 ~ , Undergraduate researcher)  
Robot Manipulator, PID, State feedback, State Observer, Time Delay Control, Nonlinear system, Optimization, SMC
- **Capstone Design Team Project**(Vehicle platooning, Arduino, Team leader)
- **Microprocessor Team Project**(Digital doorlock)
- **Electric Power IoT & Sensor Engineering Team Project**

---

## AWARDS AND HONORS

2020 -2023	Grade Scholarship in Electrical Engineering, CNU
2021	Scholarship & Commendation, Gwangju-Chonnam Local Innovation Platform
2021 -2022	Electric Company Scholarship, Korea Electrical Contractors Association(KECA)
2022	Grade Scholarship, Gwangju Buk-gu Office
2022	Challenge Scholarship, CNU
2023	Electrical Engineering Scholarship, KEPCO

---

## EXTRA-CURRICULAR ACTIVITIES

(Oct. 2020 ~ Dec. 2022)

Mathematics Teacher in private institute.

(Sep. 2021~Nov.2021)

Energy+AI Education Program in CNU.

(Oct. 2021~Jan. 2022)

Energy Transition College Student Academy.

(Nov. 2021~May.2022)

Hyundai NGV campus courses(EV/HEV/PHEV/New Energy Car/Motor)

(Jun.2022)

DB Business management school

(Jan. 2023)

Experiential and Cultural Program in University of Nevada, Las Vegas (4 week, dept of E.C.E.)

(Feb. 2023)

DYROS Robotics Boot camp in Seoul National University.

---