

PARK Chaehwan

Undergraduate

Department of Mechanical Engineering & Electronic Engineering

Hanyang University, Seoul

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Undergraduate **GPA-4.1 (out of 4.5)**



1. Language & Skill

A **TEPS 366 (TOEIC 895)** / B **Computer Specialist in Spreadsheet Level-1** / C **HSK5 177**

D **GTQ Level-1** / E **Microsoft Azure Ai 900** / F **1st Class Driver's License**

2. Education

A **Dept. of Mechanical Engineering & Electronic Engineering at Hanyang University, Seoul**

2018.02 – 2024.02 (Expected)

Relevant Coursework:

- Electric Engineering (A+)
- Circuit Theory1 (A+)
- Circuit Theory2 (A+)
- Electronic Circuit (A0)
- Electronic Engineering(A+)
- The Physics of Solid-state Electronics (A+)
- Semiconductor Devices (A+)
- Semiconductor Fabrications (A+)

B **1st Army Corps, Republic of Korea**

2019.3 – 2020.10

C **Hwamyong High School, Busan**

2015.03 – 2018.02

3. Activities

A **Intern in the Advanced TFTs and Circuit Lab, Seoul National University**

2023.07 –

- μ -LED Pixel circuit design & Simulation

B **Mechanical Engineering Design Project**

2023. 01 – 2023.05

Wearable Smart Key Using Gesture Recognition

- HYU-Purdue Global Challenge 2023 Participation

- Classification of time series data using Conv1D and LSTM deep learning models

C **Intern in the Healthcare Robotics Lab, Seoul National University**

2022.12 – 2023.02

- Development of bladder stiffness sensor using PZT thin-film device

- Implantable Devices Analog Circuit design, assisting and monitoring organs and other internal structures

D **Academic Projects**

2022.04 – 2022.11

ASAP system (Automatic Secondary Accident Prevention system)

IOT device helps safe evacuation in case of disaster

2018. 04 – 2018.11

E **Computerized Design of Heat transfer**

2022.09 – 2022.11

- Iron man helmet model time-transient heat analysis (Using Ansys)

- Machine learning process to predict arbitrary state temperature

F **Samsung Dream class**

2022.03 – 2024.02 (Expected)

4. Awards

- Mechanical Engineering Design Project

2023

- LG Electronics Product Design Project

2023

- Hanyang Learning Pacemaker

2023

- Hanyang Academic Town President

2022

- Engineering Drone Design Competition

2018