Chae-hwan Park

Advanced TFTs and Circuit for Smart Electronics Laboratory
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Graduate GPA-4.15 (out of 4.3)
Undergraduate GPA-4.11 (out of 4.5), 18/193

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 Electrical and Computer Engineering at Seoul National University, Seoul**

2024.03 –

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

2018.02 – 2024.02 *(Completion of a Double major)*

Relevant Coursework:
- Electric Engineering (A+)
- Electronic Engineering(A+)
- Circuit Theory1 (A+)
- The Physics of Solid-state Electronics (A+)
- Circuit Theory2 (A+)
- Semiconductor Devices (A+)
- Electronic Circuit1 (A0)
- Semiconductor Fabrications (A+)
- Electronic Circuit2 (A+)
- VLSI Engineering (A0)

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

2019.3 – 2020.10

D **Hwamyeong High School, Busan**

2015.03 – 2018.02

3. Activities

A **Electronic Engineering Design Project** *2023. 07 – 2023.11*

Solar-powered Cigarette Butts Collection Robot Using Deep Learning

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**

Expanding future convenience technologies by creating indoor 3D maps	*2023.04 – 2023.11*
ASAP system (Automatic Secondary Accident Prevention system)	*2022.04 – 2022.11*
IOT device helps safe evacuation in case of disaster	*2018. 04 – 2018.11*

F **Samsung Dream class** *2022.03 – 2025.02*

4. Awards

- Hanyang Academic Excellence Award	*2024*
- Mechanical Engineering Design Project 1,2	*2023*
- LG Electronics Product Design Project	*2023*
- Hanyang Learning Pacemaker	*2023*
- Hanyang Academic Town President	*2022, 2023*
- Engineering Drone Design Competition	*2018*