

PARK Chaehwan

Advanced TFTs and Circuit for Smart Electronics Laboratory
Department of Electrical and Computer Engineering
Seoul National University, Seoul
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Graduate **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 **Hwamyong 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 – 2024.02

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