

# Paul Kim

Undergraduate at Electrical & Computer Engineering, Seoul National University

**in** @thekpaul **🏠** <https://thekpaul.dev> **🇰🇷** Republic of Korea

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## Education

Mar. 2018 BA in Electrical & Computer Engineering, Seoul National University  
Expected to graduate in Summer 2024  
**Areas of Interest:** System Programming, Digital Systems Design, Deep Learning  
**Graduation Project:** Optimising the CNN Architecture with Hardware Design

## Experience

Mar. 2023 FPGA Engineer Intern for **NeuroRealityVision**  
Dongtan, Republic of Korea

- Firmware-based development for MIPI and Ethernet Integration
- Bare-metal, standalone FPGA application with interrupt-based workflow

Jan. 2023 Student Intern for Dept. of System Semiconductor Engineering  
to Jun. 2023 **Seoul National University**, Seoul, Republic of Korea

- Worked on CNN Architecture and Hardware Design Optimisation

Dec. 2019 KATUSA, Human Resources Specialist (42A)  
to Jul. 2021 **94<sup>th</sup> Military Police Battalion**, Pyeongtaek, Republic of Korea

- Mandatory military service as a KATUSA Agent  
(Korean Augmentation To the United States Army)

## Skills

### Engineering

- Experienced in embedded systems design on multi-purpose SoC FPGAs
- Capable of versatile development with C, C++ and Python
- Capable of basic RTL hardware design using Verilog
- Capable of maintaining HTML/CSS front-end projects
- Proficient in typesetting with  $\LaTeX$

### Languages

- Korean: Native proficiency
- English: Fluent, professional working proficiency