Paul Kim

Undergraduate at Electrical & Computer Engineering, Seoul National University

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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, software development for MIPI-to-Ethernet integration
- Bare-metal, standalone FPGA application with interrupt-based workflow
- Custom IP development with Verilog-based RTL on Vivado

Jan. 2023 to Jun. 2023

Student Intern for Dept. of System Semiconductor Engineering
Seoul National University, Seoul, Republic of Korea

- Worked on CNN Architecture and Hardware Design Optimisation

Dec. 2019 to Jul. 2021

KATUSA, Human Resources Specialist (42A)
94th 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 basic RTL hardware design using Verilog
- Capable of versatile development with C, C++ and Python
- Capable of maintaining HTML/CSS front-end projects
- Proficient in typesetting with LaTeX

Languages

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