

David Kim Oh

PHD STUDENT · INFORMATION AND COMMUNICATIONS ENGINEERING

Institute of Science Tokyo, 2 Chome-12-1 Ookayama, Meguro City, Tokyo

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Education

Institute of Science Tokyo (formerly Tokyo Institute of Technology)

PH.D. STUDENT IN INFORMATION AND COMMUNICATIONS ENGINEERING

- Advisor: Dr. Hiroshi Sasaki

Tokyo, Japan

Apr. 2024 - present

Tokyo Institute of Technology

M.S. IN INFORMATION AND COMMUNICATIONS ENGINEERING

- Advisor: Dr. Hiroshi Sasaki

Tokyo, Japan

Apr. 2022 - Mar. 2024

Yonsei University

B.S. IN ELECTRICAL AND ELECTRONIC ENGINEERING

- Undergraduate thesis advisor: Dr. Won Woo Ro

Seoul, Korea

Mar. 2017 - Feb. 2022

Teaching Experience

Fall 2019 **Engineering Information Processing**, Teaching Assistant

Research Experience

Tokyo Institute of Technology - Dept of Engineering

ADVISOR: DR. HIROSHI SASAKI

- Thesis: "A Cache Design for Mitigating Contention-Based Cache Attacks"

Tokyo, Japan

2022-2024

Yonsei University - Dept of Engineering

ADVISOR: WON WOO RO

- Thesis: "Accelerating Grover's Algorithm on QuEST"

Seoul, Korea

Fall 2020

Outreach & Professional Development

SERVICE AND OUTREACH

Mar. 2019 - **General Student Council of Yonsei University**, Deputy head of the general affairs

Jul. 2019 department

Sep. 2017 - **Student Council of College of Engineering**, Secretary & Student Council Member

Feb. 2019

Others

INTERESTS Computer Architecture, Computer System, Computer Security

SKILLS C, C++, CUDA, Python, Verilog

LANGUAGE Korean (Native), English (Proficient), Japanese (Intermediate)

HOBBIES Sports Climbing (Bouldering), Basketball, Baseball, Music, Rubik's Cube