

# Jiho Choi

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## EDUCATION

**Yonsei University**, Seoul, South Korea  
B.S., Electrical and Electronic Engineering (GPA: 4.07/4.3), Feb. 2025

**Nanyang Technological University**, Singapore  
Visiting Student Program, Entrepreneurship and Innovation, June 2024–July 2024

**University of California, Los Angeles**, Los Angeles, United States  
Exchange Student Program, Electrical Engineering, Jan. 2023–June 2023

## RESEARCH EXPERIENCE

**Undergraduate Researcher**, Jan. 2024–June 2024  
Compiler Optimization Research Lab, Yonsei University

- Built a client-server application using the Keystone trusted execution environment (TEE) framework to securely perform arithmetic operations requested by clients within a trusted enclave

## WORK EXPERIENCE

**Co-Founder & Chief Technology Officer**, Mar. 2024–Oct. 2025  
MEGA, Seoul, South Korea

- Developed a smart demand response (DR) controller enabling non-smart appliances to participate in automated DR programs to enhance residential participation in DR
- Selected for the Yonsei-Asan UniverCT Climate Tech Startup Accelerator, received a \$12.6K grant from the Asan Nanum Foundation, and awarded the Excellence Award (\$2K) at the Demo Day

**Research Intern**, July 2024–Oct. 2024  
NetZero LAB, Gwangmyeong, South Korea

- Participated in a project integrating on-site solar power generation into smart farming systems

## TEACHING

**ENG1108 Engineering Information Processing**, Yonsei University, Fall 2024  
Undergraduate Teaching Assistant

- Led weekly two-hour lab sessions for 40 students, covering the basics of C programming
- Wrote and graded assignments and exams

## HONORS AND AWARDS

Excellence Award (\$500), Women in Science, Engineering and Technology in Korea (WITECK), 2024  
Excellence Award (\$2K), Yonsei-Asan UniverCT Demo Day, 2024  
Yonsei-Asan UniverCT Startup Grant (\$12.6K), Asan Nanum Foundation, 2024  
Study Abroad Scholarship (\$7K), Mirae Asset Park Hyeon Joo Foundation, 2023  
Academic High Honors (Top 3% GPA), Yonsei University, 2021  
Academic Honors (Top 10% GPA), Yonsei University, 2020

## EXTRACURRICULAR ACTIVITIES

Yonsei Electrical and Electronic Engineering Honor Society, Member, 2021–2025  
Yonsei-Asan UniverCT Climate Tech Startup Accelerator, Participant, 2024  
Yonsei EE Festival, Organizing Staff, Fall 2022  
Yonsei EE Peer Tutor Program, Organizer, Fall 2022  
Yonsei EE Peer Tutor Program, PHY1011 General Physics & Experiment(1) Tutor, Spring 2021  
Yonsei GLC Online Tutoring, MAT1011 Engineering Mathematics(1) Tutor, Spring 2021

## TECHNICAL SKILLS

Languages	C, C++, Assembly (RISC-V, x86-64), Python, MATLAB
Tools	Verilog, Vivado/Vitis, Arduino, CUDA, LLVM, HTML, CSS, Git, $\LaTeX$

## TEST SCORES

TOEFL iBT    III (Reading: 30, Listening: 29, Speaking: 25, Writing: 27)