

Jonghyun Choe

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EDUCATION

Seoul National University (SNU)

Candidate for B.S. in Computer Science

– GPA: 3.94/4.3(Overall), 4.18/4.3(Upper)

Seoul, Korea
Mar. 2019 – Current

RESEARCH EXPERIENCE

Architecture And Code Optimization Lab

Advisor: Prof. Jae W. Lee, Department of Computer Science and Engineering, SNU

– Researched hardware software co-design for hiding memory stalls through coroutine interleaving

Seoul, Korea
Jan. 2024 – Present

Co-design And Parallel Processing Lab

Advisor: Prof. Soonhoi Ha, Department of Computer Science and Engineering, SNU

– Developed CFS simulator to determine schedulability of tasks under CFS in terms of WCRT

– Designed experiments for CFS schedulability analysis

Seoul, Korea
July. 2023 – Aug. 2023

PUBLICATIONS

1. Kyonghwan Yoon, EunJin Jeong, Woosuk Kang, **Jonghyun Choe**, and Soonhoi Ha, “Worst Case Response Time Analysis for Completely Fair Scheduling in Linux Systems,” *45th IEEE Real-Time Systems Symposium, 2024*. (under review)

TEACHING EXPERIENCE

Undergraduate Teaching Assistant (Computer Architecture)

Advisor: Prof. Jae W. Lee, Department of Computer Science and Engineering, SNU

– Awarded Outstanding Teaching Assistant Award

Seoul, Korea
Fall 2023

PROFESSIONAL EXPERIENCE

Dunamu

Software Engineer

– Implemented personal information server and admin in Stockplus – stock trading app receiving 600,000 MAU

– Designed database schema for personal information server

Seoul, Korea
Jun. 2021 – Jun. 2023

SKILLS

- **Development:** C, C++, CUDA, Python, Scikit-learn, Django, MySQL, AWS
- **Languages:** Korean(Native), English(Native)