

# Jeong Ho Park

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## EDUCATION

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Mar. 2022 ~ Present	<b>Korea Advanced Institute of Science and Technology</b> School of Computing <i>Advisor: Min-Soo Kim</i> <i>Master Student</i>	Daejeon, Korea
Mar. 2018 ~ Feb. 2022	<b>Hanyang University</b> Department of Computer Science  Thesis: Performance Improvement of LSM-Tree based Storage Engine <i>Advisor: Hyung Soo Jung</i> <i>B.S. in Computer Science ,graduated with highest honor(1/106)</i> GPA: 4.24 / 4.5 <i>Summa Cum Laude</i>	Seoul, Korea

## SKILLS AND TECHNIQUES

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- Technical Skills : Database, Operating System, Algorithm, Data Structure
- Soft Skills : Problem Solving, Responsibility, Creative Thinking
- Programming Languages : C, C++, Python

## LANGUAGE SKILLS

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- TOEIC 915
- TEPS 406

## RESEARCH INTERESTS

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- Graph database
- GR Database (Graph-Relational Database)

## AWARDS AND HONORS

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- 2nd Place, Hanyang Collegiate Programming Contest(HCPC) Beginner Division, Korea (Nov. 2018)
- Full-Funded Scholarship, Hanyang University, Korea (Mar. 2018 ~ Dec. 2019)
- Hanyang Brain Scholarship (40%), Hanyang University, Korea (Mar. 2021)

## EXPERIENCES

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- Problem Writer at elice, Korea (Jan. 2022 ~ Mar. 2022) / Wrote some problems for 13th Software Maestro programming test
- Instructor at frontend online lecture (네카라쿠배 온라인 프론트엔드 1기), Day1Company, Korea (Jul. 2021 ~ Aug. 2021) / Wrote some problems for programming test
- Front-End Developer at Development Team 3 (Yeogiya), SmartDoctor, Korea (Jun. 2021 ~ Aug. 2021) / developed SmartSurvey Web; developed personal certification UI, Q&A UI; resolved some bugs
- Problem Writer at Hanyang Collegiate Programming Contest(HCPC), Korea (Sep. 2020 ~ Nov. 2020) / Wrote some problems, Examined some problems' integrity
- Problem Writer at Soongsil, Korea, Hanyang University Joint Programming Competition, Korea (Jun. 2020 ~ Aug. 2020) / Wrote some problems, Examined some problems' integrity
- Chair of Problem Writer at Hanyang Collegiate Programming Contest(HCPC), Korea (Sep. 2019 ~ Nov. 2019) / Managed writing and examination of problems
- Instructor/Problem Writer at Soongsil, Korea, Hanyang University Joint Programming Camp & Competition, Korea (Jul. 2019 ~ Aug. 2019) / Taught basic graph theory
- Academic Director at ALOHA (ALgorithm research club Of HAnyang university), Korea (Nov. 2018 ~ Nov. 2019) / Plan academic event of club (e.g., curriculum, lecture, competition, mentoring...)

## PROJECTS

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- Improving Performance of LSM-Tree Based Key-Value Storage , Hanyang University (Graduation Project), Korea / Researched performance bottleneck of LSM-Tree based key-value storage (typically RocksDB); Tried to (Jan. 2021 ~ Nov. 2021)
- ToyDB, Personal Side Project, Korea / implemented disk-oriented DBMS from scratch (using C++, currently implementing concurrency control) (Jan. 2021 ~ Present)
- Implementing Simple DBMS, Hanyang University (Database and its Application Term Project), Korea / implemented simple DBMS with B+Tree index, buffer pool management, Join operator (using C and C++), (Sep. 2019 ~ Dec. 2019)
- Implementing some custom system on XV6, Hanyang University (Operating System Term Project), Korea / implemented custom scheduler (MLFQ, Multilevel Queue), custom stack size, per-process memory limit, (Apr. 2020 ~ Jun. 2020)