Jeong Ho Park

MS Student
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github.com/pch6828

EDUCATION

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

SKILLS AND TECHNIQUES

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

LANGUAGE SKILLS

- TOEIC 915
- TEPS 406

RESEARCH INTERESTS

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

AWARDS AND HONORS

- 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

- 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

- 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)