Junhyeok Park

Computer System Researcher

35, Baekbeom-ro, Mapo-gu, Seoul, Republic of Korea, 04107
Contact: junttang@sogang.ac.kr / LinkedIn / instagram
Web: junttang.github.io / Github / hyeok's log
Status: not seeking employment, MS program anticipated

PROFILE

HELLO WORLD
I'm Junhyeok Park, a.k.a junttang. Now I'm an undergraduate CSE student in Sogang University and a research assistant in DISCOS Lab. My goal is becoming an awesome system researcher who makes the world convenient.

EDUCATION

SOGANG UNIVERSITY
B.S in Computer Science and Engineering (2017.03–2024.02)
→ CGPA: 4.15/4.50 (major only: 4.33/4.50)

WORK EXPERIENCE

RESEARCH ASSISTANT, DISCOS Laboratory, Sogang University, Seoul (2023.01-2024.02), UG Internship with BS/MS integrated program
- **Heterogeneous Storage System and Disaggregation.**
  → Key-Value SSD, Computational SSD, SPDK, CXL, DPU
- **Persistent LSM-Tree-based Key-Value Store.**
- **Various Research Papers and Industry Projects.**

PUBLICATION

OctoKV: An Agile Network-based Key-Value Storage System with Robust Load Orchestration (Y.Park, **J.Park**, A.Khan, J.Park, C.Lee, W.Chung, Y.Kim) [MASCOTS '23] *(pdf) (talk)*
- **Contribution.** As a 2nd author, I enhanced this work both theoretically and visually. One of my early research & paper experiences.

ACADEMIC PROJECT

TravelPT: ChatGPT-based Travel Guide Application (not-in-service)
- **Contribution.** I led the design of the service architecture, focusing on optimizing a runtime text-based GPT fine-tuning for response correction (e.g. restaurants, tourist sites, etc).

All other academic projects are listed in Github!

AWARD	**BEST EXCELLENCE AWARD at the 2023-1 Sogang Convergence Technology Competition:** TravelPT *(poster)*

SKILLS + INTERESTS	**BASIC TOOLS** C, C++, Linux, Python, Assembly, Xilinx SDK, MS Office, Photoshop, Git, Node.js, Firebase, MySQL, JavaScript, draw.io, and etc. **RESEARCH INTERESTS** Heterogeneous Storage, Disaggregation, Key-Value Store, Object Store, KV-SSD, Computational SSD, ZNS-SSD, SPDK, CXL, DPU, and etc. **CERTIFICATE** KAIT Linux Master II, ICQA Network Manager II, CODE PLUS Algorithm Basics, TOEIC 940pts & Speaking Level-7

LANGUAGE	**KOREAN:** fluent (native) **and ENGLISH:** advanced