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| **Junhyeok Park** | | Computer System Researcher |
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| 35, Baekbeom-ro, Mapo-gu, Seoul, Republic of Korea, 04107 Contact: [junttang@sogang.ac.kr](mailto:junttang@sogang.ac.kr) / [LinkedIn](https://www.linkedin.com/in/junhyeok-park-618666290/) / [instagram](https://www.instagram.com/hyeok_travel/) Web: [junttang.github.io](https://junttang.github.io/) / [Github](https://github.com/junttang) / [hyeok’s log](https://velog.io/@junttang)  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](https://cs.sogang.ac.kr/cs/index_new.html) (2017.03–2024.02)  🡪 CGPA: 4.15/4.50 (major only: 4.33/4.50) | |  |
| WORK EXPERIENCE | **RESEARCH ASSISTANT,** [**DISCOS**](http://discos.sogang.ac.kr/) **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*](https://junttang.github.io/assets/mascots23_octokv_paper.pdf)*) (*[*talk*](https://junttang.github.io/assets/mascots23_octokv_talk.pdf)*)*   * **Contribution.** As a 2nd author, I enhanced this work both theoretically and visually. One of my early research & paper experiences. | |  |
| PROJEct + SERVICE | **TravelPT: ChatGPT-based Travel Guide Application** (not-in-service) *(*[*poster*](https://junttang.github.io/assets/travelpt_poster.pdf)*)*   * **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). | |  |
| AWARD | **BEST EXCELLENCE AWARD at the 2023-1 Sogang Convergence Technology Competition** (2023.06)  **ALBATROSS FELLOWSHIP upon the admission to the Sogang University Graduate School** (2024.01) | |  |
| SKILL + Interest | **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 | |