Junliang Hu 胡俊良

Curriculum Vitae

jlhu.io
vtta
0000-0001-6253-4233
junliang-hu-80b2a7186
jlhu@cse.cuhk.edu.hk

Education

present **Doctor of Philosophy Candidate** (Computer Science and Engineering), The Chinese University of Hong Kong, *Advised by Prof. Ming-Chang Yang*

2017-2021 **Bachelor of Engineering** (Computer Science and Engineering), Wuhan University

Teaching Experiences

Spring 2023 **Principles of Programming Languages**, *Teaching Assistant*, CUHK, CSCI3180

Fall 2023 **Computer Organization**, *Teaching Assistant*, CUHK, CSCI2510

Spring 2022 **Computer Networks**, *Teaching Assistant*, CUHK, CSCI4430

Fall 2021 **Computer Organization**, *Teaching Assistant*, CUHK CSCI2510

Professional Experiences

Spring-Summer 2021 **Research Assistant**, *Persistent Memory Indexing*, The Chinese University of Hong Kong, Advised by Prof. Ming-Chang Yang

Summer 2020 **Software Engineering Intern**, *Elastic Block Storage*, Alibaba Cloud, Hangzhou, China

Scholarships & Awards

2024 **CUHK Research Postgraduate Student Grants for Overseas Academic Activities** (17th USENIX Symposium on Operating Systems Design and Implementation), Boston, MA, USA, *amount: HK$19,510.00*

2023-2025 **CUHK Postgraduate Studentship Post-Candidacy** (Department of Computer Science and Engineering), Hong Kong, *amount: HK$19,275.00 per month*

2021-2023 **CUHK Postgraduate Studentship** (Department of Computer Science and Engineering), Hong Kong, *amount: HK$18,025.00 per month*

Publications & Manuscripts

[1] (in submission), **Junliang Hu**, and Anonymous Authors. 2025. An anonymous manuscript. In *19th USENIX Symposium on Operating Systems Design and Implementation (OSDI '25)*, 2025. USENIX Association.

[2] Zhisheng Hu, Pengfei Zuo, Yizou Chen, Chao Wang, **Junliang Hu**, and Ming-Chang Yang. 2024. Aceso: Achieving Efficient Fault Tolerance in Memory-Disaggregated Key-Value Stores. In *ACM SIGOPS 30th Symposium on Operating Systems Principles (SOSP '24)*, 2024. ACM, New York, NY, USA. https://doi.org/10.1145/3694715.3695951

[3] Chao Wang, **Junliang Hu**, Tsun-Yu Yang, Yuhong Liang, and Ming-Chang Yang. 2024. SEPH: Scalable, Efficient, and Predictable Hashing on Persistent Memory. In *17th USENIX Symposium on Operating Systems Design and Implementation (OSDI '23)*, 2024. USENIX Association.

Academic Services

EuroSys	European Conference on Computer Systems, Reviewer: 2024AE
ATC	USENIX Annual Technical Conference, External-reviewer: 2024, 2025
HPCA	International Symposium on High-Performance Computer Architecture, External-reviewer: 2024, 2025
DAC	Design Automation Conference, External-reviewer: 2021
ICCAD	International Conference on Computer-Aided Design, External-reviewer: 2021, 2022
CODES+ISSS	International Conference on Hardware/Software Codesign and System Synthesis, External-reviewer: 2022, 2023
RTAS	IEEE Real-Time and Embedded Technology and Applications Symposium, External-reviewer: 2021

Professional Skills

	Skill	Level	Comment
Computer languages	C/C++	■■■■	Main launguage used in several past projects
	Rust	■■□□	Complementary language professionally and also for fun
	Go	■□□□	Used in amateur projects
	Python	■■■□	Experience with building productivity tooling
	Bash/Fish	■■■□	Daily driver
	Typst	■■■□	Experience with major conference submission and self-designed packages/templates
	LaTex	■■□□	Complementary language for paper writing
Languages	Mandarin	■■■■	Native tongue
	Cantonese	■□□□	Good listening
	Englisch	■■■□	Full score in TOEFL reading and listening sections, fluent in speech and writing

■□□□ Basic knowledge ■■■□ Extensive knowledge

■■□□ Intermediate knowledge ■■■■ Expert knowledge