

Yang Zhou

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Dear Faculty Search Committee:

I am writing to apply for a tenure-track position as an assistant professor in your department. I am currently a PhD candidate in the Department of Computer Science at Harvard University and expect to complete my dissertation work by June 2024.

My research interests lie in the areas of Computer and Network Systems: Architecture, Design, Security, Applications, especially networking, operating systems, and distributed systems. I am particularly interested in full-stack optimizations for efficient and evolvable datacenter infrastructure, by codesigning networking stacks and datacenter applications. My research has studied kernel eBPF and kernel-bypass techniques, and various applications like fault-tolerant far memory, Paxos consensus, distributed transactions, and microsecond-scale RPCs.

I have enclosed my curriculum vitae with a list of references, research statement, teaching statement, diversity statement, and three representative publications. These materials are also available online at <https://yangzhou1997.github.io/application/>.

I look forward to hearing from you.

Sincerely,

Yang Zhou