

RAJATH SHASHIDHARA

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EDUCATION	Paul G. Allen School of Computer Science, University of Washington	Seattle, USA
	<i>Ph.D. in Computer Science and Engineering</i>	2022 - 2025
	The University of Texas at Austin	Austin, USA
	<i>M.S. in Computer Science</i>	2019 - 2022
	Birla Institute of Technology and Science	Pilani, India
	<i>M.Sc. in Physics, B.E. in Computer Science</i>	2012 - 2017
EXPERIENCE	<i>Senior Systems Research Engineer</i> Google, Systems Research Group	2025 - Current
	<i>Student Researcher</i> Google, Systems Research Group	2022 - 2025
	<i>Software Engineering Intern</i> Confluent	2020
	<i>Senior Research Software Engineer</i> Samsung Research	2017 - 2019
	<i>Software Engineering Intern</i> Symantec	2017
	<i>Software Engineering Intern</i> Microsoft R&D	2016
	<i>Visiting Researcher</i> National Central University, Taiwan	2015
	<i>Intern</i> Bhaskaracharya Institute of Space Applications & Geoinformatics	2014
	<i>Intern</i> Google Summer of Code	2013
PUBLICATIONS	1. Rajath Shashidhara , Simon Peter, Scott Hare, Kimberly Keeton. Closing the Benchmark Gap for Tiered Memory. <i>3rd Workshop on Disruptive Memory Systems (DIMES)</i> , 2025.	
	2. Anil Yelam, Kan Wu, Zhiyuan Guo, Suli Yang, Rajath Shashidhara , Wei Xu, Stanko Novakovic, Alex C. Snoeren, Kimberly Keeton. PageFlex: Flexible and Efficient User-space Delegation of Linux Paging Policies with eBPF. <i>USENIX Annual Technical Conference (ATC)</i> , 2025.	
	3. Rajath Shashidhara , Timothy Stamler, Antoine Kaufmann, Simon Peter. FlexTOE: Flexible TCP Offload with Fine-Grained Parallelism. <i>USENIX Symposium on Networked Systems Design and Implementation (NSDI)</i> , 2022.	
	4. Jitender Singh Shekhawat, Rishabh Agrawal, K Gautam Shenoy, Rajath Shashidhara . A Reinforcement Learning framework for QoS-driven radio resource scheduler. <i>IEEE Global Communications Conference (GLOBECOM)</i> , 2020.	
	5. Tridev Mishra, Rajath Shashidhara , Tapomoy Guha Sarkar and Jayendra N. Bandyopadhyay. Phase transition in an Aubry-Andre system with a rapidly oscillating magnetic field. <i>APS Physical Review A</i> , 2016.	
PRE-PRINTS	1. Rajath Shashidhara , Antoine Kaufmann, Simon Peter. Scaling Data Center TCP to Terabits with Laminar. <i>arXiv: 2504.19058</i> , 2025.	
INVITED TALKS	FlexTOE: Flexible TCP Offload with Fine-Grained Parallelism: <i>Google Networking Research Summit</i> (2022), <i>VMware</i> (2022), <i>SmartNICs Summit</i> (2022), <i>Microsoft</i> (2023)	
	Towards Flexible and Efficient Data Center TCP Stacks: <i>Google, Systems Research Group</i> (2025)	
AWARDS	• Student Travel Grant , Symposium on Operating Systems Principles (SOSP) 2025	
	• Annual Excellence Awards , Samsung Research 2017-2019	
	• Best Student of Batch 2017 , Birla Institute of Technology and Science 2017	
	• MCN Scholarship , Birla Institute of Technology and Science 2012-2017	
SERVICE	Reviewer: <i>IEEE Transactions on Computers</i>	
	Artifact Evaluation Committee: <i>OSDI</i> (2022), <i>ATC</i> (2022)	
	Shadow Program Committee: <i>Eurosys</i> (2022)	
	Graduate Admissions Reader: <i>University of Washington</i> (2023)	