Qian Li
Ph.D. Student in Computer Science, admitted Autumn 2017

Publications

PUBLICATIONS

• RAMBO: Resource Allocation for Microservices Using Bayesian Optimization *IEEE COMPUTER ARCHITECTURE LETTERS*
  Li, Q., Li, B., Mercati, P., Illikkal, R., Tai, C., Kishinevsky, M., Kozyrakis, C.
  2021; 20 (1): 46–49

• INFaaS: Automated Model-less Inference Serving
  Romero, F., Li, Q., Yadwadkar, N. J., Kozyrakis, C., *USENIX ASSOC.*
  USENIX ASSOC. 2021: 397-411

• A Case for Managed and Model-less Inference Serving
  Yadwadkar, N. J., Romero, F., Li, Q., Kozyrakis, C., *ACM ASSOC COMPUTING MACHINERY.*
  2019: 184–91

• From Laptop to Lambda: Outsourcing Everyday Jobs to Thousands of Transient Functional Containers
  USENIX ASSOC. 2019: 475–88

• Exploiting Sparsity to Accelerate Fully Connected Layers of CNN-Based Applications on Mobile SoCs *ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS*
  Xie, X., Du, D., Li, Q., Liang, Y., Tang, W., Ong, Z., Lu, M., Huynh Phung Huynh, Goh, R.
  2018; 17 (2)

• Arachne: Core-Aware Thread Management *Proceedings of the 13th USENIX Symposium on Operating Systems Design and Implementation (OSDI 18)*
  Qin, H., Li, Q., Speiser, J., Kraft, P., Ousterhout, J.
  2018

• Enabling High Performance Deep Learning Networks on Embedded Systems

• Learning from the Ubiquitous Language: an Empirical Analysis of Emoji Usage of Smartphone Users
  ASSOC COMPUTING MACHINERY. 2016: 770–80