

Jack Kosaian

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Education

Carnegie Mellon University

Ph.D. in Computer Science

Advisor: Rashmi Vinayak

Aug. 2017 - Present

Awards: NSF Graduate Research Fellowship (2017)

University of Michigan, Ann Arbor

B.S.E. in Computer Science & Engineering

Sept. 2013 - Dec. 2016

Conference Publications

Parity Models: Erasure-Coded Resilience for Prediction Serving Systems

Jack Kosaian, K. V. Rashmi, Shivaram Venkataraman

ACM SOSP 2019

Vantage: Optimizing Video Upload for Time-shifted Viewing of Social Live Streams

Devdeep Ray, Jack Kosaian, K. V. Rashmi, Srinivasan Seshan

ACM SIGCOMM 2019

EC-Cache: Load-Balanced, Low-Latency Cluster Caching with Online Erasure Coding

K. V. Rashmi, Mosharaf Chowdhury, Jack Kosaian, Ion Stoica, and Kannan Ramchandran

USENIX OSDI 2016

Journal Publications

Learning-Based Coded Computation

Jack Kosaian, K. V. Rashmi, Shivaram Venkataraman

IEEE Journal on Selected Areas in Information Theory, 2020

Teaching Experience

CMU 15-440: Distributed Systems

Spring 2020

UofM EECS 370: Introduction to Computer Organization

Fall 2015, Winter 2016

Industry Experience

Microsoft Research

Research Intern

Mentor: Amar Phanishayee

May 2019 - Aug. 2019

Redmond, WA

Google

Software Engineering Intern

BigQuery team

May 2017 - July 2017

Seattle, WA

Google

Software Engineering Intern
gVisor team

May 2016 - Aug. 2016
Mountain View, CA

Epic Systems

Software Development Intern

May 2015 - Aug. 2015
Madison, WI