JACK KOSAIAN

jackkosaian.github.io ⋄ jkosaian@andrew.cmu.edu

EDUCATION

Carnegie Mellon University   Aug. 2017 - Present
Ph.D. in Computer Science

University of Michigan, Ann Arbor   Sept. 2013 - Dec. 2016
B.S.E. in Computer Science & Engineering
GPA: 3.941 / 4.000

AWARDS

- NSF Graduate Research Fellowship (2017)
- Angell Scholar (2015)
- Branstrom Prize (2014)

RESEARCH

Software Systems Laboratory   Jan. 2016 - Present
Undergraduate Research Assistant   *Ann Arbor, MI*

· Geo-distributed Analytics: Co-optimizing scheduling and routing of jobs across datacenters
· EC-Cache: Using erasure coding to mitigate load imbalance and reduce read latencies for cluster storage

Laboratory for Interactive Visualization in Engineering   June 2014 - April 2015
Undergraduate Research Assistant   *Ann Arbor, MI*

· SmartDig: Computer vision techniques to perform automatic, accurate pose-estimation of excavators

S.M. Wu Manufacturing Research Center   Jan. 2014 - Dec. 2014
Undergraduate Research Assistant   *Ann Arbor, MI*

· Intelligent Eye Model: Anatomically accurate model of they eye used to train ophthalmology residents

PUBLICATIONS

[1] K. V. Rashmi, M. Chowdhury, J. Kosaian, I. Stoica, and K. Ramchandran. Ec-cache: Load-balanced, low-latency cluster caching with online erasure coding. In *OSDI*, 2016.

INDUSTRY

Google   May 2017 - July 2017
Software Engineering Intern   *Seattle, WA*

· BigQuery

Google   May 2016 - Aug. 2016
Software Engineering Intern   *Mountain View, CA*

· Cloud Technical Infrastructure: Kernel Virtualization

Epic Systems Corporation   May 2015 - Aug. 2015
Software Development Intern   *Verona, WI*

· InPatient: Scoring System Analysis and Visualization

TEACHING

- EECS 370: Introduction to Computer Organization (F15, W16)