

JACK KOSAIA

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EDUCATION

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

December 2016

AWARDS

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

RESEARCH

Software Systems Laboratory
Undergraduate Research Assistant

January 2016 - Present
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
Undergraduate Research Assistant

June 2014 - April 2015
Ann Arbor, MI

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

S.M. Wu Manufacturing Research Center
Undergraduate Research Assistant

Jan. 2014 - Dec. 2014
Ann Arbor, MI

- Intelligent Eye Model: Anatomically accurate model of the 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
Software Engineering Intern

May 2017 - August 2017
Seattle, WA

- BigQuery

Google
Software Engineering Intern

May 2016 - August 2016
Mountain View, CA

- Cloud Technical Infrastructure: Kernel Virtualization

Epic Systems Corporation
Software Development Intern

May 2015 - August 2015
Verona, WI

- InPatient: Scoring System Analysis and Visualization

TEACHING

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