# Jack Kosaian

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## EDUCATION

**Carnegie Mellon University**                                   Aug. 2017 - Present
Ph.D. in Computer Science
Advisor: Rashmi Vinayak

**University of Michigan, Ann Arbor**                            Sept. 2013 - Dec. 2016
B.S.E. in Computer Science & Engineering

## AWARDS

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

## PUBLICATIONS

**Taming Tail Latency in ML Inference via Learned Erasure-Coded Computation**
Jack Kosaian, K. V. Rashmi, Shivaram, Venkataraman
To appear in SOSP 2019

**Vantage: Optimizing Video Upload for Time-shifted Viewing of Social Live Streams**
Devdeep Ray, Jack Kosaian, K. V. Rashmi, Srinivasan Seshan
To appear in 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

## INDUSTRY EXPERIENCE

**Microsoft Research**                                           May 2019 - Aug. 2019
*Research Intern*                                                *Redmond, WA*
Mentor: Amar Phanishayee

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

**Google Technical Infrastructure**                              May 2016 - Aug. 2016
*Software Engineering Intern*                                    *Mountain View, CA*
gVisor team

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