Akshay Narayan
Computer Science

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EDUCATION

Massachusetts Institute of Technology.
Ph.D. Computer Science, August 2016 — Present
University of California, Berkeley.
Bachelor of Science with High Honors, May 2015.
Electrical Engineering and Computer Science. GPA 3.855.

RESEARCH

Publications
"Network Requirements for Resource Disaggregation." Peter Gao, **Akshay Narayan**, Sagar Karandikar, Joao Carreira, Sangjin Han, Rachit Agarwal, Sylvia Ratnasamy, Scott Shenker. *OSDI 2016.*
"pHost: Distributed Near-Optimal Datacenter Transport Over Commodity Network Fabric." Peter Gao, **Akshay Narayan**, Gautam Kumar, Rachit Agarwal, Sylvia Ratnasamy, Scott Shenker. *CoNEXT 2015.*

Projects
"Measuring the Energy Impact of Security Protocols." **Akshay Narayan**, Michael Chen, Vern Paxson. Spring 2015.
"Turbo: Ultra Low Latency Datacenter Transport." **Akshay Narayan**, Sarah Hung, Gautam Kumar, Kaifei Chen, Sylvia Ratnasamy, Ion Stoica. Spring 2014.

TEACHING

UC Berkeley: *CS168: Introduction to Computer Networks.* Teaching Assistant.
Professor: Sylvia Ratnasamy. Average Student Rating: 4.33 / 5

EXPERIENCE

University of California, Berkeley
Spring 2014 — August 2016
Staff Researcher, NetSys Lab.
Datacenter transport and resource disaggregation.

Microsoft
May 2014 — August 2014
Software Development Engineer Intern.
Operating Systems Group: Application Compatibility Team.
Developed an application that allows sysadmins to view application usage information for Windows deployments.
C, C++, C#

Jive Software
May 2013 — August 2013
Engineering Intern. Platform API Team.
Developed a web application on top of the Jive API and the highly-available, distributed Jive SDK framework to allow third parties to push information into the Jive platform.
Node.js, redis, PostgreSQL, backbone.js

NASA Ames Research Center
May 2012 — November 2012
Education Associates Program.
Developed a mobile application to allow playback of air traffic control simulations.
Android, OpenGL ES

Honors and Awards

MIT Jacobs Presidential Fellowship, *2016*
UC Berkeley Boeing Scholar, *2014*
UC Berkeley Eta Kappa Nu, *2012-*
UC Berkeley Regents and Chancellors Scholar, *2011 — 2015*