

## EDUCATION

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**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

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### Publications

“The Case for Moving Congestion Control Out of the Datapath.” **Akshay Narayan**, Frank Cangialosi, Prateesh Goyal, Srinivas Narayana, Mohammad Alizadeh, Hari Balakrishnan. *HotNets 2017*.

“Application Performance in Disaggregated Datacenters.” 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*.

## TEACHING

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UC Berkeley: *CS168: Introduction to Computer Networks*. Teaching Assistant.

Professor: Sylvia Ratnasamy. Average Student Rating: 4.33 / 5

## EXPERIENCE

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**University of California, Berkeley**

*Spring 2014 — August 2016*

Staff Researcher, NetSys Lab.

Datacenter transport, resource disaggregation, container orchestration.

**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.

*Operating Systems*

### **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.

*Web Applications, Distributed Systems*

### **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**

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MIT NSF Graduate Research Fellowship, *2017*

MIT Jacobs Presidential Fellowship, *2016*

UC Berkeley Boeing Scholar, *2014*

UC Berkeley Eta Kappa Nu, *2012-*

UC Berkeley Regents and Chancellors Scholar, *2011-*