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DEEPTI RAGHAVAN

deeptir.me

EDUCATION

Massachusetts Institute of Technology
Candidate for MEng in EECS, *GPA 5.0/5.0* 2017-2018

Massachusetts Institute of Technology
S.B. in Computer Science (June 2017), *GPA 4.7/5.0* 2013-2017
Coursework includes: Computer Networks, Distributed Systems, System Security, Operating Systems, Performance Engineering, Machine Learning

PUBLICATIONS

"Restructuring Endpoint Congestion Control." Akshay Narayan, Frank Cangialosi, **Deepti Raghavan**, Prateesh Goyal, Srinivas Narayana, Radhika Mittal, Mohammad Alizadeh, Hari Balakrishnan. *SIGCOMM 2018*

"Pantheon: the training ground for Internet congestion-control research." Francis Y. Yan, Jestin Ma, Greg Hill, **Deepti Raghavan**, Riad S. Wahby, Philip Levis, Keith Winstein. *Usenix ATC 2018*

RESEARCH EXPERIENCE

MIT CSAIL NMS Lab - Research Assistant January 2017-Present
Advisor: Hari Balakrishnan
Currently focused on systems that make congestion control development easier, including development of the Congestion Control Plane, and various congestion control measurement systems.

TEACHING

MIT: *6.824, Distibuted Systems*: Teaching Assistant. Spring 2018
MIT: *6.02, Introduction to EECS II*: Lab Assistant Fall 2016
MIT: *6.004, Computation Structures*: Lab Assistant Spring 2015

INDUSTRY EXPERIENCE

Cisco Meraki Switch Team - *Summer Intern* June-August 2016
Implemented and pushed out the Radius Change of Authorization feature (CoA), an extension to the 802.1X authorization protocol, on Meraki's switch firmware. Implemented user interface for CoA and improved logging for switch events on Meraki's client dashboard.

Akamai Platform Infrastructure Team - *Summer Intern* June - August 2015
Created interactive web application, with d3.js and web.py, that visualizes information related to the software installations performed on all the servers across Akamais networks.

IBM India Research Labs, Bangalore - *Summer Intern* June - August 2014
Designed the fluid simulation for an Android application modeling a virtual chemistry laboratory, using OpenGL