

Mythili R. Vutukuru

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EDUCATION	<i>Massachusetts Institute of Technology</i> Second year graduate student at the MIT CS & AI Laboratory Advisor: Prof. Hari Balakrishnan <i>Indian Institute of Technology, Madras</i> Bachelor of Technology in Computer Science and Engineering Senior Thesis: Performance Evaluation of Multihop Wireless in Local Loop Architectures	Fall 2004— 2000—2004
RESEARCH INTERESTS	Network Security, Internet Routing, Internet Measurement	
EXPERIENCE	<i>Research Assistant, MIT CS & AI Laboratory</i> • Currently working on a defence against application-level DDoS attacks. • Performed a measurement study of the geographic locality of IP prefixes and its impact on Internet routing and routing table size. • Studied the correctness properties of iBGP and proposed an algorithm to construct a correct and scalable iBGP configuration. <i>Teaching Assistant, Computer Networks (MIT Course 6.829)</i> Taught recitations, supervised class projects, and assisted in the preparation of problem sets and quizzes with Prof. Hari Balakrishnan.	Fall 2004— Fall 2005
PUBLICATIONS	• Mythili Vutukuru, Paul Valiant, Swastik Kopparty, and Hari Balakrishnan. How to Construct a Correct and Scalable iBGP Configuration. In <i>Proc. IEEE INFOCOM</i>, Barcelona, Spain, April 2006. (To appear) • Michael Freedman, Mythili Vutukuru, Nick Feamster, and Hari Balakrishnan. Geographic Locality of IP Prefixes. In <i>Proc. ACM Internet Measurement Conference</i>, Berkeley, CA, Oct. 2005.	
ACADEMIC ACHIEVEMENTS	• 3rd highest CGPA amongst over 400 undergraduates, Class of 2004, Indian Institute of Technology, Madras. • Ranked 3rd in the country in the Indian Institutes of Technology Joint Entrance Examination, 2000. • Recipient of the National Talent Search Examination (NTSE) scholarship by the Government of India.	
COURSES	Computer Networks, Distributed Computer Systems, Advanced Algorithms, Machine Learning, Cryptography and Cryptanalysis	
REFERENCES	Prof. Hari Balakrishnan MIT CS & AI Laboratory (617)253-8713 hari@csail.mit.edu	Prof. Nick Feamster College of Computing, Georgia Tech (617)388-7479 feamster@cc.gatech.edu