ABHINAV GUPTA

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EDUCATION:

UNIVERSITY OF NEW HAMPSHIRE, Durham, NH   Sep 2018- Present
College of Engineering & Physical Sciences   GPA: 3.67/4.0
Candidate for Ph.D. in Computer Networks, Computer Science (Researching on QUIC Protocol Performance)
Related Courses: Computer Networks-QUIC/TCP/UDP, Information Retrieval, Cyber Security, Machine Learning, Formal Methods

BOSTON UNIVERSITY, Boston, MA   Jan 2017
Graduate School of Arts and Sciences   GPA: 3.88/4.0
Master of Science in Computer Science
Related Courses: Computer Networks, Algorithm, Software Engineering, Database Systems, Mobile Application.

HULT INTERNATIONAL BUSINESS SCHOOL, London, UK   Aug 2012
Graduate School   GPA: 3.0/4.0
Master of International Business
Related Courses: Technology Management, Digital Marketing, E-Commerce, Global Operations, Management and Strategy.

MAHARSHI DAYANAND UNIVERSITY, Rohtak, India   Sep 2011
Bachelor of Technology in Computer Science & Engineering   GPA: 3.64/4.0
Related Courses: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Software Project Management, Web Development.

TECHNICAL KNOWLEDGE:

Languages and Frameworks:	Java, Python, HTML, CSS, XML,C, JSON, YAML
Statistical & ML Tools:	R, NumPy, Pandas, Matplotlib, Scikit-Learn
Scripting Languages:	JavaScript, Shell Scripting.
Automation Tools & Cloud:	Docker, GIT, ngrok, Netem, AZURE

PROFESSIONAL EXPERIENCE:

Teaching Assistant, Computer Science, UNH, Durham, NH   Jan 2020-Present

- Conducting Labs and Holding Office hours.
- Grading Projects and Assignments.

Tools Development Engineer Intern, JTAC, Juniper Networks, Westford, MA   May 2019-August 2019

- Writing Playbooks for HealthBot- A network health and diagnostic tool.
- Troubleshooting and re-engineering python scripts and YML files for playbooks.

Technical Support, Computer Lab Assistant, UNH Academic Computing Systems, Durham, NH   Jan 2019-May 2019

- Installation, configuration and troubleshooting Lab Equipment.
- Equipment Testing and Maintenance.

PUBLICATIONS:

- A. Gupta and R. Bartos, "User Experience Evaluation of HTTP/3 in Real-World Deployment Scenarios," *to appear in Proc. of 25th Conference on Innovation in Clouds, Internet and Networks and Workshops (ICIN) (ICIN 2022)*, (Paris, France), Mar. 2022.

AWARDS & EXTRACURRICULUAR ACTIVITIES:

- Student Chairperson, IEEE (ITM Gurgaon), India   Aug 2009 - Jun 2011
- President, Computer Society of India (ITM Gurgaon), India   Aug 2010 - Jun 2011
- Awarded Outstanding Student Volunteer Award, ITM Gurgaon, Delhi Section at Institute of Electrical and Electronic Engineers (IEEE).   2010