

# MANSI PATEL

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## EDUCATION

**New York University, Polytechnic School of Engineering, Brooklyn, NY**

**(Expected Jan 2016)**

- Master of Science, Computer Science

**(GPA 3.7/4)**

**Uttar Pradesh Technical University, India**

**(May 2010)**

- Bachelor of Technology - Computer Science and Engineering

## TECHNICAL SKILLS

**Programming Languages**

Python, C, C#

**Web Tools**

HTML, Javascript

**Networking Concept**

Socket Programming, P2P networks

**Operating Systems**

Linux, Windows, Mac OS

**Tools and Softwares**

Wireshark, Nessus, Metasploit framework, HackerDefender, SSLStrip

## COURSEWORK

Network Security, Computer Networking, Operating Systems

## RELATED EXPERIENCE

**Graduate Teaching Assistant, Computer Networking, New York University**

**(Jan 2015 - Present)**

- Job work includes evaluation of homework, tests and holding weekly office hours to ensure that students understood course concepts.

**Systems Engineer, Infosys – Mysore, India**

**(Mar 2012 - Feb 2013)**

**Information Systems**

- Reengineered an application iTravel, an Infosys proprietary
- Developed Report Factory-Automated report generation system, for iTravel in conjunction with SAP

**Systems Engineer, Infosys – Mysore, India**

**(Mar 2011 - Feb 2012)**

**Financial Services & Insurance, Carescout,**

- Managed a team of 7(at offshore) as a part of the development team of 'Caretrack' module. It bound the desktop and web applications with all the other forms of required information present in the database.
- Awarded with 'Best Debutant Award'.

**Systems Engineer Trainee, Global Education Center, Infosys-Mysore, India**

**(Oct 2010 - Feb 2011)**

- A professional training at Global Education Center, Mysore, India. Extensive learning of Microsoft Technologies and hands-on experience of Web technologies, C, Java, Unix etc
- Developed the training project Hospital Management. CGPA during the training 4.5/5

**Summer Intern, BSNL, India**

**(Jun 2009 - Aug 2009)**

- Remote Execution and Access: Developed a toolkit-module responsible to enable agent less connection to a remote system.

## PROJECTS

**Multithreaded server and Email client**

**(Sep 2014)**

- Developed a multi-threaded simple server in python. It is a dedicated server hosting my personal website [mansi.im](http://mansi.im). It features multi-threading and maintains incoming request logs. More details are present at [github](https://github.com).
- Wrote an Email client and ICMP pinger in python.

**File system implementation**

**(Oct 2014)**

- Developed a filesystem in REPY (Restricted Python) that can be mounted using fuse in Linux machines

**Library Management**

**(Feb 2009)**

- Developed a library books token system, extensively using the web and database development concepts.