

DARSHIT SARAIYA

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(Interested in Internship: May 2014 – August 2014)

EDUCATION SUMMARY:

Northeastern University, Boston MA

Sept 2013 – Present

College of Computer and Information Science

Candidate for a Master of Science in Computer Science

2015

Related Courses: Programming Design Paradigm, Fundamentals of Computer Networks

Projects:

- Selfish Bit Torrent **Dec 2013**
 - Modified the snark Bit Torrent.
 - Implemented ranking algorithm to find best peers, strategy to prevent Sybil Attack, modified the program to follow singleton pattern for increased performance.
- Raw Sockets **Nov 2013**
 - Downloaded Web page using Raw socket and implemented IP, TCP and HTTP protocols.

Mumbai University, Mumbai, India

July 2009 – July 2013

Bachelor of Engineering in Computer Engineering

Related Courses: Algorithms, Data Structures, Operating System, System Programming and Compilers, Data Warehouse and Mining, Advanced Computer Networks, Object Oriented Software Engineering.

Projects:

- SMS Based Search Engine **May 2013**
 - The user sends SMS query through mobile phone to the server phone and gets result as a SMS message.
 - Implemented SMS Gateway.
 - Published paper 'SMS Based Search Engine' which got selected in International Conference and Workshop in Emerging Trends in Technology.
- Online Shopping Store Website **May 2012**
 - Created an Online Shopping Store website where users have to register and can shop online conveniently.
 - Implemented using PHP, JavaScript, and CSS.

TECHNICAL KNOWLEDGE:

Programming Languages	: C, C++, JAVA, C#
Databases	: MySQL, MS Access
Web Development	: HTML5, PHP, CSS3, JavaScript, Wamp Server
Engineering Tools	: Eclipse, Net Beans, Visual Studio
Assembly Language	: Microprocessors 8085/86/87
Operating Systems	: MS Windows, Linux, Mac OS

INTERESTS: Swimming, Cricket, Soccer, Watching TV Series and Cooking