

# SHREYAS PHADNIS

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## Education

- **Northeastern University**, Boston, MA *September 2005 – Present*
  - Master of Science in Computer Science
- **Mumbai University** Mumbai, INDIA *September 2001 – May 2005*
  - Bachelor of Engineering in Information Technology

## Work Experience

- **EMC Corporation**, Southborough, MA *May 2006 – December 2006*
  - Software Engineering CO-OP, Navisphere Software Group  
Designed and Developed the system for CD automation, which transfers kits and binaries of Navisphere software, from CLEARCASE Server to centralized repositories and generates CD images. The project involved usage of Perl/CGI, Python and Spiinware libraries(EMC Proprietary).
- **Northeastern University**, Boston, MA *October 2005 – May 2006*
  - Web-Developer, Creative Services  
Designed and Developed websites for University using HTML, CSS, XML, PHP and MySQL. Implementing the entire system for Multimedia streaming of University events over Internet.
- **Indian Institute of Technology**, Mumbai, INDIA *August 2004 – May 2005*
  - Intern, Kanwal Rekhi School of Information Technology  
Designed and Developed a 3-way communication system using C#. This was a software-based approach to improve the audio-video quality reception in Remote VSAT Communication.

## Technical Knowledge

**Programming:** ANSI C, C++, JAVA, Python, Perl, C#, J2EE

**Operating Systems:** Windows, Solaris, Linux (Debian and its Derivatives,RHEL), and MAC OS X

**Database:** Oracle 10g, PostgreSQL, MySQL, MS-ACCESS

**Web-Technologies:** XHTML+CSS, XML, PHP, CGI, ASP, ASP.NET, Javascript+AJAX

## Projects

- **Northeastern University**, Boston, MA *September 2005 – Present*
  - Multi-threaded, Multi-process, Select() FTP Server and Client using C and JAVA
  - Designed and Implemented a Secure IM Client and Server using Java Cryptographic Extension on a self-designed protocol using Public key and Symmetric key crypto systems.
  - Designed and Implemented a Database System in JAVA with data stored in paginated files and B+tree indices.
- **Mumbai University** Mumbai, INDIA *September 2001 – May 2005*
  - Developed Remote Operating System Detection Tool using C++
  - Stock Exchange and Bank Account System Backend using PostgreSQL
  - Designed and Developed an Online Software Store in HTML, JavaScript and ASP.NET
  - Implemented Backend for a matrimony web-site using ORACLE 10g

## Co-Curricular Activities

- Tech-Edge Certification, an industry entry level course (OOPS (C++ and C#), JAVA (J2EE), HTML, RDBMS, SQL/PLSQL) by Esstech Software Services.
- Finalist in Robotics Competition organized by IEEE-CRCE technical festival - March 2003