Bhavik Gandhi

75, Saint Alphonsus Street | Apt #1509 | Boston, MA – 02120 | +1 (857)-265-6396 | bhavik@ccs.neu.edu
Available : May '14 – Aug '14

EDUCATION

Northeastern University, *Boston, MA* *Dec '14*
Candidate for Masters of Computer Science, GPA: 3.3/4.0

- **Relevant Courses** : Algorithms, Web Development, Fundamentals of Computer Networks, Network Security
- **Projects:**
  - **Socket Programming:** Implemented UDP client/server system for file transfer, using C
  - **Cheating Bit-torrent Client:** Modified the already existing Bit-torrent client to act selfishly and cheat on network and obtain higher download speed, using Bit-torrent protocol implementation in Java
  - **Web Crawler:** Designed Crawler to count the number of pages on site using HTTP concepts, in Java
  - Researched and presented paper: **Simulation Based Performance Analysis of TCP Variants** using the results from NS-2 Simulation
  - **Website, Find Places:** Developed a website using Google places API to search for places, giving user different personalized options to search and get information about the location
    Site URL: http://net4.ccs.neu.edu/home/bhavik/project/Default.aspx

Mumbai University, *India* *June '12*
Bachelors in Electronics Engineering

- **Projects:**
  - **Communication Aid for Hearing Impaired,** Senior Project *Aug '11 – May '12*
    Implemented Scale Invariant Feature Transform (SIFT) algorithm in MATLAB for decoding American Sign Language (ASL) and converted it to equivalent text and speech using Image processing

COMPUTER KNOWLEDGE

Programming Languages:	C, Java, Python, MySQL, Assembly Language, Embedded C
Web Designing:	C#, ASP.Net, HTML5, CSS3, JavaScript, jQuery, JSON, XML, AJAX, Dreamweaver
Networking:	Networking Protocols, Network Simulators : CISCO packet tracer and NS - 2
Operating Systems:	Windows, Linux, DOS, MAC
Other applications/Software:	Eclipse, Microsoft Visual Studio, Virtual Machines, PowerShell, MATLAB, SVN, Git

CERTIFICATIONS

- *Cyber Aces:* Modules - Operating Systems, Networking & System Administration *Jan '14*
- *Coursera:* Cryptography, Interactive Python programming *Dec '13*

PROFESSIONAL EXPERIENCE

AIR Worldwide, *Boston, MA* *Aug'13 - Dec'13*
Database Development Co-Op

- Coordinated with teams to develop and deploy code and schema changes as part of the release cycle
- Validated schema or data differences after upgrading databases and comparing with the previous versions using Red Gate SQL Compare and Data Compare
- Added new databases and unit tests in the FinalBuilder release process

Sonian, Inc., *Dedham, MA* *Jul'13 - Aug'13*
Cloud Quality Engineering Intern

- Automated nearly 800 test cases for company product's API and search tests from manual regression suite
- Used *Ruby* scripts for the automation process in addition to *Cucumber, Waitr* and *Selenium Webdriver*

Indian Institute of Technology (IIT), Bombay, *India* *June '10 – Jul '10*

- Developed and programmed algorithm for Line follower in Embedded C for AVR microcontroller
- Used ATMEGA 128 AVR microcontroller and applied various features like PWM, LCD interface