Biyanta Shah
75 St Alphonsus Street, Apt. 1602, Boston, MA 02120 | (617) 866-3587
shah.bi@husky.neu.edu | https://www.linkedin.com/in/biyantashah93
http://webdev2016-shahbiyanta.rhcloud.com/
Available: May-Dec 2016

EDUCATION

Northeastern University, Boston MA	Expected Dec 2017
College of Computer and Information Sciences.	**GPA: 4.0**

Candidate for a Master of Science in Computer Science.
Related Courses: Programming Design Paradigm, Database Management System,
Algorithms, Web Development.

Nirma University, Ahmedabad, India	May 2015

Bachelor of Technology (B.Tech) in Information Technology.
Related Courses: Database Management Systems, Mobile Computing,
Data Engineering, Computer Graphics, Web Technologies.

TECHNICAL KNOWLEDGE

Languages:	C/C++, C#, Java, JavaScript, HTML, CSS, .NET, Racket (Lisp)
Software:	Visual Studio, Eclipse, MATLAB.
Operating Systems:	Linux/Unix, Windows 2000/XP/Vista/7/8, Mac OS X.
Database:	MySQL.

WORK EXPERIENCE

Scanpoint Geomatics Ltd., Ahmedabad, India	May - Aug. 2014

Intern
- Developed IRS 1C/1D Image Visualization tool in C# which read the image pixel by pixel and displayed it on the user interface.
- Computed image enhancement techniques such as logarithmic enhancement and PCA.
- Enabled the user to apply the color bands of RGB in any combination to the image and also to select an image enhancement technique to apply on the image displayed in the user interface.

ACADEMIC PROJECTS

Online Finance Management	Sept. - Dec. 2015

Northeastern University, Boston, MA
- Developed an online finance management system which manages expenses for households and individuals.
- Used Java for managing the database and the backend of the system, Apache TOMCAT as the server and HTML CSS3 for designing the front end of the system.

Intelligent Face Recognition	Jan. - May 2015

Nirma University, Ahmedabad, India
- Implemented face recognition and detection using MATLAB.
- Computed and compared algorithms such as PCA, LDA and LBP.
- Proposed an approach, which memorizes the faces and learns them along with their names.

PUBLICATIONS

- "Comparative Study of Object oriented design and Component based Software Engineering", International Journal for Research and Development (IJSRD), Volume 2, Issue 9.
  Link: http://www.ijsrd.com/Article.php?manuscript=IJSRDV2I9050.
- "Comparative Study and Analysis of Face Detection Algorithms", International Journal of Advanced Technology in Engineering and Science (IJATES), Volume 3, Special Issue 1.
  Link: http://ijates.com/images/short_pdf/1427305415_1095.pdf.

INTERESTS AND ACTIVITIES

- Sketching, reading fictional detective novels.
- Public Relations Officer (PRO) for RCNI - a cultural and social club of Nirma University, along with organizing events throughout the year, indulged in social work, which touched lives all over the country.