

Biyanta Shah

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Available: May-Dec 2016

EDUCATION

Northeastern University , Boston, MA	Expected Graduation Dec. 2017
Master of Science in Computer Science.	GPA: 4.0
Courses: Programming Design Paradigm, Database Management System, Algorithms, Web Development.	
Nirma University , Ahmedabad, India	May 2015
Bachelor of Technology in Information Technology.	
Courses: Database Management Systems, Mobile Computing, Data Engineering, Web Technologies, Operating Systems, Cloud Computing, Data Compression and Encryption, Object Oriented Software Engineering	

TECHNICAL SKILLS

Languages	: C/C++, C#, Java, .NET, Racket (Lisp)
Web Technologies	: JavaScript, HTML5, CSS3, AngularJS, Node.js, jQuery, Bootstrap
Software	: Visual Studio, Eclipse, MATLAB, SQL Workbench, DrRacket, SCILAB
Operating Systems	: Linux/Unix, Windows, Mac OS X.
Database	: MySQL

PROFESSIONAL EXPERIENCE

Scanpoint Geomatics Ltd. , Ahmedabad, India	May - Aug. 2014
Intern	
<ul style="list-style-type: none">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

Note-Taker , Northeastern University, Boston, MA	Jan. 2016 - Present
<ul style="list-style-type: none">Developing an online note-taker which allows users to take notes depending on their subjects and organizing them efficiently. It also allows users to create groups and share notes in them.The front end is developed using HTML5, CSS3, Bootstrap and AngularJS. Server side scripting is done in Node.js and the backend database will be created in MongoDB.	
Online Finance Management , Northeastern University, Boston, MA	Sept. - Dec. 2015
<ul style="list-style-type: none">Developed an online finance management system which manages expenses for households and individuals.Used Java with JDBC for managing the SQL 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 , Nirma University, Ahmedabad, India	Jan. - May. 2015
<ul style="list-style-type: none">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), Co-author.
- “Comparative Study and Analysis of Face Detection Algorithms”**, International Journal of Advanced Technology in Engineering and Science (IJATES), First Author

INTERESTS AND ACTIVITIES

- Sketching, Reading
- Public Relations Officer (PRO), 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.