

CONTACT INFORMATION	373 92 <sup>nd</sup> Street Brooklyn, NY 11209	(929) 235-0427 crc442@nyu.edu
EDUCATION	<b>NYU Polytechnic School of Engineering, Brooklyn, NY</b> <b>May 2015</b> Masters, Computer Science <ul style="list-style-type: none"><li>• <i>Relevant Courses</i> : Web Search Engines · Mobile Application Programming · Operating Systems · Massive Data Management and Analysis · Programming Languages · Modern Cryptography</li></ul> <b>St. Francis Institute of Technology, Mumbai, MH, India</b> <b>July 2013</b> B.E., Computer Engineering <ul style="list-style-type: none"><li>• <i>Relevant Courses</i> : Data Warehousing and Data Mining · System Programming and Compiler Construction · Advance Microprocessors · Mobile Computing · Robotics and AI · Multimedia System Design · Distributed Computing</li></ul>	
RELEVANT EXPERIENCE	<b>Full Stack Intern, Vetterly</b> <b>Sept 2014 – Present</b> <ul style="list-style-type: none"><li>• Implementing the backend in cakePHP framework, as well as collaborating with the Product Designers to implement the frontend in AngularJS.</li></ul> <b>Web Development Intern, Sports Media 101</b> <b>Jun 2014 – Aug 2014</b> <ul style="list-style-type: none"><li>• Developed an internal tool that visualized the insights to the way the website was viewed.</li></ul> <b>Graduate Assistant, Mechanical &amp; Aerospace Engineering</b> <b>Jan 2014 – May 2014</b> New York University <ul style="list-style-type: none"><li>• Working under the Vice President of NYU Poly, to administer and update School's website.</li></ul>	
TECHNICAL SKILLS	<b>Languages</b> : Java, Python, C, C++, Obj-C, VB/.net, SQL, (Beginner: RubyOnRails, NoSQL) <b>Operating Systems</b> : OSX, Linux, Windows, FreeBSD, Android, iOS, Kali Linux <b>Other</b> : HTML, CSS, JavaScript, XML, PHP, ASP.net, Map/Reduce, Nodejs(Kraken/Express), Angular <b>Tools</b> : Visual Studio, Unity, Rational Rose, AutoCAD, Matlab, Hadoop, Yeoman, Adobe Flash, Git	
PUBLICATION	<b>Novel Approach for Predicting the rise and fall of stock index of a specific company.</b> <ul style="list-style-type: none"><li>• Assessed various clustering methods for data clustering and modified subtractive clustering algorithm to consider more than two factors.</li><li>• Trained the neuro-fuzzy system to predict the future values of stock.</li></ul>	
PROJECTS	<b>Cloud Computing for Android</b> <ul style="list-style-type: none"><li>• Virtualized Android smartphones by mitigating the android applications to the cloud.</li><li>• Implemented a cloud server using OpenStack Ubuntu Server 12.4 LTS and rebuilt AndroidVNC app from code.google.com</li></ul> <b>VB to Java GUI Converter with Coder</b> (Winner – IEEE Project Competition and High School Technical Project Exhibition) <ul style="list-style-type: none"><li>• Created a Windows application that converted a Visual Basic GUI code into its equivalent Java code. To make the coding easier, a Java editor was provided</li></ul> <b>Apps :</b> <ul style="list-style-type: none"><li>• <i>Hubb Music</i> [iOS/Android]: Helps artists collaborate. Users can listen to music created in their vicinity.</li><li>• <i>Know Thy Subway</i> [Android]: Finds the closest subway entrance and tells the car in the subway train to sit in, so that you get out at the exit closest to your destination.</li><li>• <i>Sweep Beat</i> [iOS]: Allows users to book cleaners or other household service providers.</li></ul> <b>Open Source Projects :</b> <ul style="list-style-type: none"><li>• <i>Dynamics Simulator</i>: Wrote a C++ code that simulated how a 2D convex polygon would move with various forces like gravity, friction, thrust and collision with other objects acting on it.</li><li>• <i>Windows Steganographic Application</i>: Created a simple Java application that uses RSA and Diffie Hellman to encrypt a text file and then embed it into an image using LSB Encoder.</li><li>• <i>Online Mobile Voting System</i>: J2ME application(now obsolete) to manage electoral voting online.</li><li>• <i>YoloNYCTaxis</i>: For Massive Data Analysis course, visualized how NYC taxis behave during holiday season. Used Hive for analytical queries and (Express/Ember/MapQuest/D3js) stack for visualization.</li><li>• <i>UML Generator</i>: C code to generate UML diagrams.</li><li>• <i>File System based on FUSE</i>: A FUSE file system 'lindfs'. Implemented basic system calls relating to file directory creation and read/write.</li><li>• <i>Focused Crawler</i>: Created an efficient web crawler in Python that handles even boolean queries and could crawl thousand of web pages quickly. Complemented it with a query engine.</li><li>• <i>Podcast Online</i>: Podcast site to listen to stored music online and allowed forums and discussions.</li></ul>	
ACTIVITIES AND RECOGNITION	<ul style="list-style-type: none"><li>• Completed certified courses in 2D Animation and Digital Designing, 2003.</li><li>• Honored Maharashtra State Certificate in Information Technology, Sept 2004.</li><li>• NYU Stern, Berkeley 200k Entrepreneurship Challenge, Semifinalist, Present.</li></ul>	