Nikhil Mashettiwar

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EDUCATION: **Rutgers University,** New Brunswick, New Jersey
Bachelor of Science in Computer Science, Class of 2014

SKILLS:
- **Languages:** Java, C, C++, Python, PHP, Ruby, Scheme/Lisp, MySQL, Perl, HTML, XML, CSS, JavaScript
- **Applications**: Wireshark, Spectrum, Cisco Network Compliance Manager, Sharepoint
- **IDE**: Eclipse, IntelliJ IDEA, Sublime Text
- **Version Control**: Git
- **Operating System**s: Windows 7/8, RHEL 6, Ubuntu, CentOS, Debian, Unix, Mac OSX
- **Frameworks/APIs**: Ruby on Rails, Foundation 5.0, Grails

PROJECTS:
Computer Security - Virtual Election Booth
- Designed an application in Java which provides a secure way for people to vote online using a secure voting protocol. The protocol implements distributed systems using Secure Socket Layer (SSL) connections to communicate.

Internet Technology - Peer-to-Peer Web Server
- Developed a peer-to-peer web server in Java, which uses HTTP commands in order to get, put, and delete content from the servers. Other utility commands such as adding and removing peers from the web server are also included.

Systems Programming – Multi-Threading Book Order System
- Designed a Multi Threading Book Order application in C which used threads to process book transactions for a bookstore, but also used data structures effectively to maintain various customer and book information.

Principle Info & Data Management – Database & User Interface (PHP & MYSQL)
- Created a relational database with real world information on the demographics of people who drink at bars. Designed an application that establishes a connection with the relational database and provides the user with relevant information from the database according to the drop down menu options.

EXPERIENCE:
Automatic Data Processing (ADP), Roseland NJ   *Intern – May 2013 to September 2014*
Network Analyst   *Part-Time – September 2014 – January 2014*
- Developed a Python script that uses basic authentication to pull optimization statistics from WAN Optimizers. Improved Bluecoat's statistical utility by querying the WAN Optimizer more frequently to receive detailed data points. Accelerated the rate in which associates can create statistical reports to understand how well the WAN Optimizers were performing.
- Reorganized and categorized devices in Spectrum. Audited Cisco's Network Compliance Manager in order to provide real time status on all Cisco appliances. Performed troubleshooting techniques in order to eliminate device error statuses in Cisco's Network Compliance Manager.
- Verified Network Architecture diagrams for standards compliance.

Northeast Systems Inc, Princeton NJ   *July 2010 to January 2013*
Operations Manager
- Grasped navigation of SAP GUI while working part time as support for an SAP project. Gained exposure to SAP's complex enterprise software.
- Performed tasks such as transports, configuration and troubleshooting of printers, and batch job failure analysis.

iBox Services, New Brunswick NJ   *July 2009 to Present*
Owner/Repair Specialist
- Actively researched online platforms in order to understand the inner workings of Xbox 360s and iPhones (firmware, hardware components, etc.).
- Performed troubleshooting techniques in order to solve customer's problems such as disc read errors, overheating, and cold solder joints of Xbox 360s.
- Utilized a special Linux (Slax) in order to access Xbox 360 drive firmware files.

D-Rev, Palo Alto CA   *June 2009 to August 2009*
Technology Intern
- Succeeded as an intern at D-Rev using engineering skills in order to aid in development of prototypes for UV sterilizers, low voltage LED lights, and solar panel powered equipment.
- Aided in the research of a Cellular Microscopic Project in which analysis was performed using various pathogen-imaging software on whether microscopic images created by a cell phone camera can be used for diagnosis of various diseases in third world countries.