Karishma Changlani

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Education

Drexel University	Philadelphia, PA, 19104
Bachelor of Science in Computer Science	Anticipated Graduation: June 2018
Pennoni Honors College, College of	Current Standing: Sophomore
Computing and Informatics	Cumulative GPA: **3.63**

Skills

Programming Languages: Python, Java, C#, PHP, Javascript, Bash, SQL, ACL2 Lisp
Tools: NetBeans, Git, MySQL, .NET, Adobe Photoshop, Apache Hadoop, MATLAB
Frameworks: JQuery, ASP.NET, ADO.NET, WPF(XAML)

Experience

NRG Energy, North East Retail   **Philadelphia, PA**
Web Development Coop   September 2014 – Present
- Worked in a 4 person team to maintain corporate websites for Energy Plus
- Released deployable work on a weekly basis with biweekly commitments
- Built a UI for Business to make direct edits to text on the Opportunity Sources section
- Programmed unit test for code updates made for the releases

Drexel University, Dr. Popyack   **Philadelphia, PA**
Machine Learning Analyst   January 2014 – September 2014
- Built a map reduce application to analyze a data set of key value pairs.
- Built a HDFS data structure of Key Value pairs.
- Collaborated with two Research Professors to understand Twitter Oauth
- Made a tutorial to help beginner programs find the retweets of any public post

Projects

Drexel University, Robotics Module   **Philadelphia, PA**
Programmer   January 2014 –March 2014
- Collaborated with 2 engineers to build a LEGO NXT Robot
- Programmed in NXT-C interface to interact with the Robot's sensors to maneauver obstacles and lift target objects.
- Worked with ultrasonic, color and light sensors to analyse and scan the surrounding and detect target types.
- Designed a timed algorithm to pick up and drop target object at set locations depending on the target type.

Drexel University, Document Repair   **Philadelphia, PA**
Database Manager   January 2014 – September 2014
- Collaborated 2 other developers to build an application on python meant to repair damaged documents
- Designed a My SQL database to store connected data sets of words and their probabilities
- Used a unix terminal to host the data and application on a Raspeberry Pi
- Worked on both Linux and Windows to build a portable application

Honors / Awards

Adobe Youth Voice Scholarship	September 2013 – Present
STAR(Students Tackling Advance Research) Scholar	June 2014 – September 2014
Dean's List	Fall 2014, Spring 2014