Lymari Montijo

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Experience

Intuit Inc, Mountain View, CA   May 2017 - August 2017
Software Engineering Intern - Data Engineering Team
- Implemented a YAML file parser class in Scala to refactor class that moves data from HDFS using Hive and Spark Streaming and transmits messages to a Kafka producer
- Researched Datastax Enterprise and Gremlin Query language and designed queries for large dataset of Customer 360 data
- Developed classes for internal Spring Boot API to process data returned from GET calls using Gremlin queries into a Profile object class, refactored existing classes by adding YAML configuration files and unit testing
- Created a Python script to move data from internal HDFS data store into AWS S3 buckets
- Wrote unit tests for Java and Scala classes using Junit and Mockito

Target Corporation, Minneapolis, MN   June 2016 - August 2016
Software Engineering Intern - Network Now Team
- Designed and implemented look-and-feel of internal Ruby on Rails web application for Networking tools using CSS3 and Bootstrap
- Implemented responsive navigation bar with customizable drop-down menu items by using embedded Rails templates
- Developed several Rails' controllers and views along with the necessary HTTP routes for an internal web application used by other engineering teams
- Designed prototype web page for Coaching Services for Target's Engineering Practices and Onboarding team using HTML, CSS3 and Bootstrap.
- Wrote new scripts to improve company's Hubot chat bot.

Education

University of Texas at San Antonio   Jan 2014 - Dec 2017
BS in **Computer Science**, GPA 3.62 / 4.0
CS Electives: Software Engineering, Project Management, Enterprise Software Engineering, Software Testing & Quality Assurance, Intro to Cloud and Big Data, Enterprise Software Engineering.

University of Puerto Rico at Mayaguez   Jan 2008 - June 2012
BS in **Civil Engineering**, GPA: 3.26 / 4.0

Projects

Library Inventory System (Individual Project)   Spring 2017
Application that keeps records of Books and Inventories across different libraries. Application supports basic SCRUD operations and handles concurrent database transactions. Built using Java, JavaFX, Java Enterprise Beans and JDBC

Twitter Data Analysis using Hadoop and Hive (Group Project)   Spring 2017
Data analysis project using Twitter's Streaming API to analyze major sporting event. Analysis was done using Hadoop, Spark and Hive with small cluster of 4 vms using Openstack. Analysis included hashtag to country frequency, MapReduce word count and word co-occurrence matrices.

Skills

Proficient: Java, Python, C
Familiar: JavaScript, CSS, HTML, Bootstrap, Django, Spark, Hive, Hadoop