Niharika Kunaparaju

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Education

New York University, New York, NY Expected: Jan 2017
Master of Science in Information Systems GPA – 3.5/4.0

Key Courses

Stern School of Business – Data mining, Statistics & Data Analytics, Foundations of Finance, Data Driven Decision Making
Courant Institute of Mathematical Sciences – Big Data Systems, Database Systems, Fundamental Algorithms, Operating Systems

Academic Projects

- Lemon or Not – Using data mining techniques on 70000 historical records, found the likelihood of a car at an auction being a bad buy (Weka, Microsoft Excel, Java)
- Hadoop Framework – Implemented Page Rank and Word count using MapReduce on Cloudera VM (Java).
- Entity Relationship modeling - Built and normalized a logical schema for an enterprise(MySQL workbench)
- Simulated Linker, Scheduler, Memory Manager and I/O Scheduler - Using Discrete Event Simulation model(C++)

Motilal Nehru National Institute of Technology, Allahabad, India Aug 2007 - May 2011
Bachelor of Technology in Civil Engineering GPA – 7.1/10.0

Professional Experience (3 years and 6 months)

NYU Student Health Center, New York, NY Mar 2015 - Present
Graduate Student Assistant - Quality Improvement
Microsoft Excel | Minitab | Qualitrics

- Created and launched surveys to get inputs on the performance of medical providers.
- Analyzed spring 2015 data from peer review & patient satisfaction surveys to find trends in providers performance year over year.
- Created reports for higher level management.
- Coordinator for the Wellness Expo organized by the Student Health Center in Fall 2015.

IBM India Pvt Ltd, Bangalore and Hyderabad, India July 2011 - Jan 2015
System Engineer, Global Business Services
Microsoft Visio | IBM DB2 | Oracle 11g | HP Quality Center | QTP | JIRA

- Standard Life UK, Insurance client - Project involved moving customers invested in bundled Mutual Funds to equivalent clean/super clean share class of Mutual Fund. Took up the initiative creating business process flow diagrams for enhanced client communication. The project team was nominated for the "Team of the Year" award at the Customer Service and Real IT awards. *Award*: Manager's Choice Award – 2014 for Initiative

- Sprint USA, Telecom client - Managed an international team of 5, in the testing phases of new technology. Dividing the project into individual workpieces and assigning each one a deadline. Allocating each team member a deliverable based on their expertise. Holding stand-up team meeting every day to discuss all the issues and the progress of the project. Creating and presenting daily and weekly reports to the client.
 Award: IBM GBS- GD Orion award for Project Management

Certifications

1Z0-051 Oracle Database 11g: SQL Fundamentals I ; IBM Certified Database Associate - DB2 10.1 Fundamentals
HP0-M46 Application Lifecycle Management ; ISTQB foundation level certified by Indian Testing Board

Activities

- *Editor-in-chief, IBM–Standard Life Newsletter* Jan 2014 – Dec 2014
  Established quarterly newsletters which focused on the employee success stories, client appreciations and projects delivered. Circulated to 90 employees (onsite and offsite), clients and the high level management within the insurance domain.
- *Communications Director, IBM Innovation Framework Drive* Jun 2014 –Aug 2014
  Drive involved encouraging employees to submit new ideas to better the processes or work culture in IBM. Led a team of 4 to develop communication strategy, training participants on procedures and publishing regular program updates. As a result of the drive, ~1400 ideas were generated from Hyderabad location.
- Delivered Informative sessions to 30 employees on using MS Visio to build business process flow diagrams.
- Member, NYU Graduate School of Arts and Sciences Master's College Program Board – Organized an event as part of welcome week for 60 new students.