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# Vicky Katara

## Computer Engineering Graduate

### Objective

Achieve excellence in the field of Computer Science while refining the ability of visualization and rationality of thought.

### Education

#### 2015 - 2017 (Expected), M.S.(Computer Science), North Carolina State University

Current GPA: Not available yet

#### 2009 - 2013, B.E.(Computer Engineering), University of Mumbai

Majoried in Software / Computer Science. Minored in Computer Hardware / Electronics.

Passed out with 72.46%. Ranked 6 out of 130.

### Work Experience

#### Jan 2014 – Jun 2015, Technology Analyst, Deloitte Consulting

Information Management: Business Intelligence - Data Warehousing

- Worked on a short term Data Integration project for one of the leading visualization software companies in the world
- Worked on a long term Enterprise Data Warehouse design and build project for one of the largest telecom service providers in the United States
- Worked on numerous firm and community improvement initiatives

#### May 2006 – present, Personal Tutor

Part time personal tutor to high school students

- Have taught more than 20 students, all between the ages of 14 and 19
- Subjects taught primarily include Mathematics and Physics

### Projects

#### Analysis of Atomicity for Multithreaded Programs, B.E. Research Project

This involved research into algorithms for testing atomicity(serializability) of multi-threaded programs. The research was backed by a successful implementation to test the results.

*Technologies Used:* Java™, Swing

#### Design and Development of Acceleration Tool, Telecom Client

This tool would accept a batch of SQL Scripts via a Spreadsheet and execute them on an Oracle Database. It would then capture the results and publish it onto an Auditing and Testing platform.

*Technologies Used:* Excel VBA

#### Design and Development of Enterprise Data Warehousing, Telecom Client

The Data Warehouse was used as part of a Business Intelligence Suite which allowed the decision makers to monitor the sales and usage of products using Reporting Dashboards.

*Technologies Used:* Informatica / Oracle, Unix, Tivoli Workload Scheduler

#### Enterprise Data Integration, Visualization Software Client

This project involved enhancement and production support for the existing Enterprise Data Integration systems.

*Technologies Used:* Informatica / Oracle, Unix

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