Address
2500, Avent Ferry Rd.
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Raleigh, NC - 27606

EMail
vicky.p.katara@gmail.com

Cellphone
+1 984 215 8067

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
Majored 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 resutls 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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Projects(continued)

Design, Development and Deployment of Personal Website

Configuration, maintenance of personal website. Also involved content writing.

Technologies Used: HTML / JavaScript / CSS / Wordpress

Development of Mini-Tennis Game, Mini-Project for Computer Graphics

This involved the design and development of 2D Mini-Tennis game.

Technologies Used: GCC / graphics.l

Skills

Programming Languages

Java, C/C++, PL/SQL, Python, Ruby

Web Technologies

HTML, CSS, JavaScript, Ruby on Rails

Database Platforms

Oracle 9i / 11g, MySQL, SQL Server, MS Access

Applications

Informatica PowerCenter, SQL Developer, Toad, Adobe Photoshop, NetBeans, VMWare, Oracle Hyperion, IBM Cognos Report Studio, Audacity, MS Office, LaTeX

Operating Systems

Microsoft Windows(98/XP/7/8), Linux, Android

Certifications

Oracle Certified Java SE6 Programmer(scored 93 %)

Awards and Achievements

Awards

○ Received SPOT Award while working with Deloitte
○ Received Student of the Year in the senior year of High School

Achivements

○ Conducted workshop on Java in April 2012, with ISTE-TSEC
○ Won consolation prize In Java Based Programming Competition
○ Level 2 member On ProjectEuler.net, ranked 172 in India

Additional Information

Community Service

○ Personal tutoring to students from impoverished backgrounds
○ Regularly participate in Animal welfare campaigns in and around Mumbai
○ Helped spread awareness and participated in cleanliness campaigns in impoverished tribal localities

Extracurricular Activities

○ Elected Event Head for treasure hunt event organised By TSF
○ Selected science project group leader at the inter-school level
○ Appointed House Captain for two academic years in High School

Hobbies and Interests

○ Playing Football(Soccer)
○ Solving problems on Plane Geometry
○ Mathematical / Algorithmic Programming and Puzzle Solving

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