

Nikhil Tupkar

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SUMMARY OF QUALIFICATIONS

- Two years of extensive academic learning experience with SAS/SQL, database marketing, predictive analytics and data mining
- Strong data mining and analytical skills with practical training in SQL, Excel, Macros and CRM applications
- Ability to work both independently and within a team-oriented framework
- Capability to communicate well and work in diversified culture

EDUCATION

Master of Science in Electrical Engineering Expected May 2012
Oklahoma State University - Stillwater, Oklahoma **GPA 3.89**

Bachelor of Engineering in Electronics and Telecommunications May 2010
Yeshwantrao Chavan College of Engineering - Nagpur, India **GPA 4.0**

EXPERIENCE

SAS and Data mining

- Hands on experience with concepts of Hypothesis Test, Time Series, ANOVA, Customer Segmentation, Customer Lifetime Value, RFM analysis & ARIMA models
- Practical training with data mining techniques like Decision Trees, Regression and Neural Networks
- Familiarity with ETL techniques like data cleaning, manipulation and transformation for huge datasets
- Conversant and experienced with Base SAS programming, SQL and SAS Macro
- Customer retention and profitability analysis for credit cards in Harvard's Big East Bank Case December 2011
- "Economic impact of Fiber To The Home (FTTH) broadband" with RVA Consulting August-December 2011
- "Analysis of Wal-Mart Stores, Inc. stock prices & comparison with Target Corporation" January-May 2010

Computer Assistant

IT Labs, Oklahoma State University August 2011 - Present
Stillwater, Oklahoma

- Assist patrons needing technical assistance in the use of the internet, e-mail, commercial databases, and other computer software
- Maintain computer hardware including computers, printers, scanners and associated peripherals
- Investigate and troubleshoot problems, networking issues and engineering software using Cisco client
- Report unsolved problems to the administration using C-support
- Prepare and set up displays, exhibits and bulletin boards to maintain an informative and attractive physical setting in the computer lab
- Attend various seminars, conferences and workshops to keep a track on the latest methods and techniques in computer related library services

Research Assistant

Biosystems and Agriculture Engineering Department, Oklahoma State University January 2011 - Present
Stillwater, Oklahoma

- Collaborate with a team for four researchers to convert biomass to producer gas for a downdraft gasifier
- Monitor the biomass gasification process using LabVIEW 2009
- Sample, analyze and calculate the tar contents in the producer gas using Gas Chromatograph
- Detect and diagnose tar clotting problems to ensure proper functioning of the gasifier
- Design and implement producer gas purifying systems to enhance gas quality
- Boost gasifier performance and efficiency by modifying parts of gasifier
- Maintain research data for conducted experiments using Microsoft Excel

TECHNICAL SKILLS

Programming Languages: C, C++, Embedded C, HTML, SAS 9.2, SQL, Macros

Hardware: Micro-processors 8085/8086, Micro-controller 8051, ATMEGA168

Software packages: SAS Enterprise Guide/ Enterprise Miner/ JMP, MS Office MATLAB, SIMULINK, LabVIEW, ORCAD

Operating Systems: Win 95/98, XP, Vista, Windows 7, MAC OS

CERTIFICATIONS

- SAS certified Predictive Modeler Using SAS Enterprise Miner 6 Expected May 2012
- JMP certified professional for Data Exploration January 2012
- SAS certified Advanced programmer for SAS 9 January 2012
- SAS certified Base programmer for SAS 9 March 2011