**Nishant Patel**

307 Barrington Place, Lansdale, PA 19446

Cell: (813) 505-8449

nishant.patel09@gmail.com

Professional Profile

Detail orientated and results-driven professional with skills in quantitative data analysis, model building and forecasting. Experience analyzing large data using SAS, and SPSS. Ability to develop actionable analytical solutions to complex problems. Ability to communicate and present results in an easily understandable manner. Proven ability of organizational, planning and time management skills.

Education

**Master of Business Administration (online)** Expected: 04/2018

*Florida State University*, Tallahassee, FL

Current GPA: 3.96

**Master of Arts (Statistics)** 08/2004

*University of South Florida*, Tampa, FL

Overall GPA: 3.89

**Master of Science (Applied Mathematics)** 05/2002 *Maharaja Sayajirao University of Baroda*, Vadodara India

**Bachelor of Science (Mathematics)** 04/2000*Maharaja Sayajirao University of Baroda*, Vadodara India

Relevant Coursework

|  |  |  |  |
| --- | --- | --- | --- |
| Information and Technology Management | Business Intelligence | Global Marketing | Investment Management and Analysis |

Professional Skills

|  |  |  |
| --- | --- | --- |
| * Quantitative Data Analysis | * Categorical Data Analysis | * Univariate and Multivariate Analysis |
| * Regression Analysis | * Logistic Regression | * Longitudinal Data Analysis |
| * Generalized Linear Models | * Probability | * Survival Analysis |
| * Non-Parametric Methods | * Data Exploration | * Data Visualization |
| * Business Analytics | * Data mining techniques | * Corporate Finance |
| * SWOT Analysis | * Segmentation | * Situation Analysis |

Technical Skills

**Statistical software:** SAS, SPSS (Statistics and Modeler), SQL, IBM Watson Analytics, Tableau

**Other Software:** Excel (Pivot tables, VLOOKUP), Word, PowerPoint

Professional Experience

**Principal Statistician** 08/2006 – 12/2016

*Northwest Florida State College*, Niceville, FL

* Led a cross-functional team of faculty and staff on a multiyear data analysis project, in a short time turned this failing project into success and put the college on the path of accreditation.
* Developed actionable solutions to address student retention and student success in both, online and traditional courses.
* Collaborated with scientists and clinicians to analyze complex breast cancer patient data and identify relationship between different biological factors. This work has been published in a national peer-reviewed journal, Journal of Biological Chemistry.

**Professor of Mathematics and Statistics** 08/2006 – 12/2016

*Department of Mathematics, Northwest Florida State College*, Niceville, FL

* Taught a variety of courses ranging from lower level Algebra to higher level Calculus series and Statistics.
* Coordinated Statistics and Algebra courses, developed curriculum, mentored and supervised junior faculty, negotiated and authorized textbook contracts with publishers.
* Led a variety of departmental and college-wide committees including hiring, student learning outcomes, institutional research, and Reading2Learn.

Publications

* Desai S, Liu Z, Yao J, **Patel N**, Chen J, Wu Y, Ahn E, Fodstad O, Tan M. *Heat Shock Factor 1 (HSF1) Controls Chemoresistance and Autophagy through Transcriptional Regulation of Autophagy-related Protein 7 (ATG7).* JBC, February 2013

Certifications

* **Graduate Certificate for Statistical Data Analysis** 12/2007

University of South Florida, Tampa, FL

AWARDS

* Graduate Teaching Assistant by Dept. Of Mathematics, USF, Tampa 2002 – 2006
* Fred L & Helen M Tharp End Scholarship, USF, Tampa 2005
* Fred L & Helen M Tharp End Scholarship, USF, Tampa 2004

Activities

* **Coordinator,** Annual Math Bowl Competition 2006 – 2016

Northwest Florida State College

* **Subject Matter Expert,** Print and Web resources, 2006 – 2016

Pearson Publishing, Cengage Learning, McGraw Hill Publications

* **Member**, American Mathematical Society 2003 – 2006
* **Vice President,** Mathematical Society of Applied Science at MSU, INDIA  2001 – 2002
* **Treasurer,** Mathematical Society of Pure Sciences at MSU, INDIA 1998 – 2000