

SUMMARY

Detail-oriented individual skilled in consolidating, validating, analyzing data and visually reporting crucial findings to drive strategic decision making processes.

EDUCATION

University of Maryland, College Park, MD Expected May 2017

Masters of Science in Information Management, **GPA: 3.9/4**

Anna University, Chennai, India

June 2013

Bachelor of Engineering in Computer Science

RELEVANT COURSEWORK

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|------------------|----------------------|-------------------------------|
| • Data Analytics | • Data to insights | • Database Management Systems |
| • Data Mining | • Data Visualization | • Project Management |

TECHNICAL SKILLS

Tools: Rattle, R Studio, Tableau, QlikView, MSOffice – Word, Excel, PowerPoint, Access,

Programming languages and Databases: MySQL Workbench, Python, R

Methodologies: Lean methodologies, Six Sigma tools, Agile methodologies, Roadmap Strategy, Product lifecycle management

ACADEMIC PROJECTS

Intelligence Study of Refugee Migrations in Europe – Tableau, R Sep – Dec 2016

- Consolidating and analyzing raw unstructured data related to refugee migrations in Europe to create dynamic visualizations that will throw light on the economic impact of immigrants on the European economy

Nepal Earthquake Tweets Analysis – Python, R Sep – Dec 2016

- Working for a project headed by United Nations Guiding Principles to extract and analyze large volumes of geo-located tweets associated with the 2015 Nepal Earthquakes
- Studying JSON objects to derive features that would allow measurement of the time taken for normalcy return based on changes in behavioral patterns of tweeters

Predictive Analysis of U.S Presidential Elections Data – R, R studio, Rattle Feb – May 2016

- Applied machine learning algorithms to explain variations in the election results based on demographics of the states and predicted the winners of the 2016 U.S Primary Presidential elections

Bar Inventory Management Database – MySQL Workbench Feb – May 2016

- Developed a relational database model to avoid manual updates to data warehouse and promote organizational growth
- Constructed complex queries to assist the management understand the current sales trends and eliminate backorders

Analysis of Social Media's influence on Student Attitudes Sep – Dec 2015

- Performed statistical tests (ANOVA, Regression) on student's Facebook usage data and successfully identified correlations between students' behavioral patterns and their intensity of Facebook usage

WORK EXPERIENCE

Toyota Motors, IS Department, India Jun 2016 – Jul 2016

Business Intelligence Analyst Intern (*KPMG consultant team*)

- Identified significant Key Performance Indicators and developed an integrated visualization of KPIs through interactive dashboards to provide critical business acumen
- Extracted data from customer & dealer management systems, tested the validity of information and linked data points
- Developed an extensive business intelligence strategy roadmap to forecast customer's purchasing behavior

Kshatriya Sports Pvt Ltd, India Dec 2013 – Dec 2014

Technical Business Analyst

- Analyzed Karnataka State Tourism Ministry's financial data to produce insightful visualizations on the global media value attainable through a partnership with FC Inter Milan, Italy
- Reported significant discoveries from competitive intelligence study of rival markets to set pricing strategies and identify growth opportunities

TVS Logistics, India Sep 2013 – Nov 2013

Business Consultant Intern

- Translated analytical insights on warehouse data into actionable recommendations to reduce the overall cost of logistics incurred to the organization
- Developed interpretations from historic data to align demands to supply and reduce in-house inventory time