

EDUCATION

Stevens Institute of Technology	Master of Science in Computer Science	GPA: 4.0/4.0	December 2016
Selected Coursework: Data Mining, Web Analytics, Data Visualization Applications, Natural Language Processing			
Gujarat Technological University	Bachelors in Computer Engineering	CGPA: 3.2/4.0	June 2012

WORK EXPERIENCE

Argus Information & Advisory Services	Data & Application Solution Intern	June 2016 – Present
<ul style="list-style-type: none">Evaluating correlations among statistical data, identifying trends, summarizing findings across clients & products.		
Tata Consultancy Services	Oracle Application Technical Developer	March 2013 – June 2015
<ul style="list-style-type: none">Designed and implemented complex integrations for General Electric Power & Water – Renewables (GE P&W) massive enterprise level architecture project and tuned the performance to ensure integrity and security of Oracle Application R12.2.4 in ERP domain.Developed parts fulfillment component for the first time in GE history to address major pain point of fulfillments.Initiated and led process improvement ideations generating savings of USD 50,000 per year for client.		

PERSONAL PROJECTS

Netflix for Education	(Python – Flask – Mongo DB)	March 2016 – Present
Building a recommender system on student's desired area of interest, either gleaned from past registration history or his / her expressed preference. Includes mining additional data sources such as MOOC course, YouTube video, Google Scholar papers, etc. to produce a broader recommendation set.		
Real Time Data Clustering	(R – Shiny – Mongo DB)	December 2015
Developed a web application which demonstrates the real time clustering of data and prediction based on users input. Download, share plots - reports and visualize interactive plots of data. Machine Learning Concepts: K-Means Clustering, Generalized Linear Model		
Twitter Sentimental Analysis	(R – Python – SQLite)	October 2015
Developed scripts for data retrieval of tweets during football matches using twitter API and performed data cleansing. Analyzed sentiments of teams during the game.		

ACADEMIC PROJECTS

Story Telling with Tableau	(Tableau – Mapbox – D3.js)	April 2016
Visualized NYC Bike sharing trip data using Mapbox as a third party mapping tool with Tableau. Created story about the footprints of the tweets by integrating D3.js with Tableau.		
Restaurant Review Classification	(Python)	December 2015
Developed machine learning model to classify restaurant reviews and achieved accuracy of 86.8%. Machine Learning Concepts: K-Nearest Neighbor, Logistic Regression, Multinomial Naive Bayes, Voting Classifier		
Web Scraping with Beautiful Soup, Selenium and lxml	(Python)	September 2015
Developed scripts to scrape data consists of reviews of products from e-commerce websites. Analyzed the data and compared execution time of scripts.		

SKILLS

Programming Languages: PL/SQL ; Python (sklearn, pandas, PySpark, NLTK); C, C#.Net, Java
Statistical Modeling Languages: R; SAS; SAS Enterprise Miner
Big Data Ecosystem: Map Reduce, Hive, Apache Spark
Database System: Oracle, MongoDB, SQLite, SQL Server 2008
Machine Learning: Classification; Regression; Clustering; Feature Engineering
Visualization: Tableau; D3.js; Shiny; ggplot2

CERTIFICATES

<ul style="list-style-type: none">Six Sigma Green Belt Certification (Nov 2013)	Google Analytics Certificate (Dec 2014)
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