github.com/keyur9
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KEYUR DOSHI

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EDUCATION

Stevens Institute of Technology **Master of Science in Computer Science** **GPA: 4.0/4.0** **Expected: May 2017**

Selected Coursework: Data Mining, Web Analytics, Data Visualization Applications, Natural Language Processing

Gujarat Technological University **Bachelors in Computer Engineering** **CGPA: 3.2/4.0** **Graduated: June 2012**

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, Mongo DB, SQLite, SQL Server 2008
Machine Learning: Classification; Regression; Clustering; Feature Engineering
Visualization: Tableau; D3.js; Shiny; ggplot2

WORK EXPERIENCE

Argus Information & Advisory Services **Data & Application Solution Intern** **June 2016 – Present**

- Evaluating correlations among statistical data, identifying trends, summarizing findings across clients & products.

Tata Consultancy Services **Oracle Application Technical Developer** **March 2013 – June 2015**

- Designed and implement 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 GITHUB HANDLE: KEYUR9

- **Netflix for Education** **(Python – Flask – Mongo DB)** **2016-Ongoing**
  A recommender system built 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) and (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 GITHUB HANDLE: KEYUR9

- **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.
- **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.

CERTIFICATES

- Six Sigma Green Belt Certification (Nov 2013)
- Google Analytics Certificate (Dec 2014)