

# URJITKUMAR PATEL

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## ACADEMIC QUALIFICATION

- **New York University**, Manhattan, New York, USA, May 2017  
**Masters in Data Science**, GPA: 3.67/4.00  
*Course Work: Machine Learning, Big Data, Deep Learning, Statistical and Mathematical methods for Machine Learning, Programming for Data Science, Data Science for Business*
- **Nirma University**, Ahmedabad, Gujarat, India, May 2013  
**B. Tech in Computer Engineering**, GPA: 3.10/4.00  
*Relative Course Work: Applied Mathematics, Statistics & Numerical Analysis, Data Mining, Data Structures & Algorithms, DBMS*

## TECHNICAL SKILLS

- **Programming Languages:** Python, R, Lua, Unix Shell Scripting, C, C++, Core Java
- **Databases :** Oracle, MySQL
- **Query Languages :** SQL, PLSQL
- **Tools / Technologies :** Hadoop MapReduce , Git, GitHub, AWS, Eclipse, Ipython Notebook
- **Packages :** Scikit-learn, Torch, Numpy, Pandas, Matplotlib
- **Web Technologies:** HTML, CSS, JavaScript, PHP, JSP

## ACADEMIC WORK

- **STL-10 Semi-Supervised Image Recognition**, February 2016 – March 2016 ( GitHub : <http://bit.ly/1XcVDNV> )  
Built Multi-Layer Neural Network using 5000 labeled and 100000 unlabeled data from STL-10 dataset to classify image object and used t-SNE to visualize image clusters representing different classes.
- **Sentiment Analyzer using SVM**, February 2016 ( GitHub : <http://bit.ly/21mWRMS> )  
Built Predictive model using SVM on Movie Reviews Data (Text Data) to classify positive and negative user responses.
- **MNIST Handwritten Digit Recognition**, January 2016 – February 2016 ( GitHub : <http://bit.ly/1QhBo0O> )  
Built Multi-Layer Convolutional Neural Network using MNIST Dataset to classify handwritten digit into 10 possible classes (0-9).
- **YouTube Video Categorization**, September 2015 – December 2015 ( GitHub : <http://bit.ly/1Q8fl1t> )  
Built the ensemble predictive model using Naïve Bayes (Text Features Analysis) and Random Forest/Decision Tree (Numeric Feature Analysis) Algorithms to classify videos in 15 different categories.
- **YouTube Analyzer**, August 2015 – December 2015 ( GitHub : <http://bit.ly/1LZBK6X> )  
Developed interactive python program to analyze the data Statistically and to explore relationship between video features.
- **Matrimonial Portal and Placement Unit**, January 2012 - December 2012  
Designed and implemented information retrieval method in user driven similarity matching algorithm for Data Mining.

## PROFESSIONAL EXPERIENCE

- **Data Analyst, Wipro Technologies, Pune, India**, July 2013 – July 2015  
Worked as a core technical member of the software development team, where I performed real-time customer data analysis.
  - Have done extensive work in Back-End Query Processing, Data Mining, ETL, Data Integration, and Data Migration.
  - Acquired proficiency in Unix, SQL/PLSQL scripting by doing substantial work on data flow creation (CSV) between interfaces.
  - Performed Quantitative Analysis and developed dynamic data reports with the color graphs using BIRT to analyze client's data.
  - Delivered projects using Agile development methodology and enhanced management skills by active participation during project discussions with clients, project scheduling, project designing.
- **Summer Intern, Wipro Technologies, Pune, India**, November 2012 – May 2013  
Developed an interface to mine relative information and represented it into color graphs and real time Google maps on GUI.

## ACHIEVEMENTS & OTHER ACTIVITIES

- Honored with **CES (Connected Enterprise Services) Award** by Wipro for contribution to client's business, November 2014
- **Coursera Certified** - 'Data Scientist's Toolbox', 'R Programming', 'Getting and Cleaning Data', Feb 2014 - May 2015
- Received **Central Sector Scholarship** for undergraduate studies from Government of India, June 2009
- Secured **1st Rank** among 100000 candidates in **GUJCET** (Gujarat Common Entrance Test for Engineering), May 2009