

Rushabh Vakharia

Jersey City, NJ 07307 | 201-893-5460 | rvakhari@stevens.edu | <https://www.linkedin.com/in/rushabh-vakharia/>

EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey

May 2019

Master of Science, Information Systems

GPA: 3.97

Relevant Coursework: Multivariate Data Analysis, Marketing Analytics, Web Analytics, Knowledge Discovery in Database

University of Mumbai, Mumbai, Maharashtra

May 2015

Bachelor of Engineering, Computer Science

CORE COMPETENCIES

Business Intelligence & Analytics, Data Visualization, Data Mining & Modeling, Software Development, Agile Methodology

SKILLS

Programming Languages: Python, SQL, R, SAS, Scala, Java, C#

Big Data Technologies: Hadoop, Spark, Hive, Microsoft Azure, Amazon Web Services, Databricks, SSIS

Databases and Operating Systems: Oracle, Sybase, PostgreSQL, SQL Server, MongoDB, Windows, Unix

Scripting Languages: Shell Script, JavaScript

Visualization Tools & Software: Tableau, Power BI, Jupyter Notebook, SAS Enterprise Miner, RStudio, Visual Studio Code, CROX

Project Management Tools: Advanced Microsoft Excel, JIRA, Microsoft PowerPoint, Microsoft Word, Confluence

RELATED EXPERIENCE

Munich Reinsurance America, Inc., Princeton, New Jersey

March 2019 – May 2019

Data Analyst Intern

- Processed over 4.7 million claims records & extracted text data from scanned pdf documents, jpeg images, emails & zip files using Python, Tesseract OCR, Spark and Scala.
- Re-engineered the claims parsing process by extracting data from sources like SQL Server and Hive and provisioned real-time data movement to Hadoop Data Lake.

Acord Solutions Group, Pearl River, New York

May 2018 – August 2018

Software Development Engineer Intern

- Developed and deployed a Java API in AWS Lambda to fetch insurance form details from AWS S3.
- Programmed SQL queries to store the fetched records into MySQL databases and improved the fetch time of information to 1.5 seconds per 100 forms.
- Used CloudWatch to keep track of the bugs, CodeCommit to store the projects and CLI to access the AWS services using console.

BNP Paribas India Solutions, Mumbai, Maharashtra

June 2015 – July 2017

Junior Software Engineer, Global Markets IT Department

- Worked with the GLOSS team for TSE/OSE trade settlements and handled the trade processing of multiple financial securities.
- Successfully developed and deployed codes in SQL to analyze, study and generate reports for high-quality liquid securities.
- Automated and replaced the existing intermediate system and enhanced its trade processing capabilities.

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, New Jersey

Aug 2018

Predicting customer churn for a bank using logistic regression and random forest

- Performed logistic regression and random forest on a banking dataset to predict customer churn using SAS and R.
- Created visualizations, dashboards and storyline using Tableau and used Cumulative Accuracy Profile (CAP) for assessing the performance of the model which achieved an accuracy of 76%.

Stevens Institute of Technology, Hoboken, New Jersey

May 2018

Text-based sentiment analysis of social media data to predict price fluctuations of cryptocurrencies

- Developed a prediction model by scraping news headlines from the web to predict price fluctuations of cryptocurrencies using sentiment analysis, natural language processing, clustering, linear regression and logistic regression.
- Utilized Python libraries like BeautifulSoup, Selenium, NLTK, Numpy, Pandas, Scipy, Plotly, Vader, TextBlob, Scikit-Learn & RE.
- The model achieved an accuracy of 72%.

Stevens Institute of Technology, Hoboken, New Jersey

May 2018

Marketing Analysis of Vodka Sales in Iowa

- Developed marketing strategies for liquor stores in Iowa to help them boost their sales of different vodka brands.
- Performed forecasting, segmentation, and clustering to understand customer lifestyle and demographics using Claritas and SAS.
- Created visualizations using Tableau and MS Excel.



View on SlideShare

Like this slideshow? Why not share!

- Share
- Email
-
-

- [The AI Rush](#) [The AI Rush by Jean-Baptiste Dumont 1358593 views](#)
- [AI and Machine Learning Demystified...](#) [AI and Machine Learning Demystified... by Carol Smith 3720668 views](#)
- [10 facts about jobs in the future](#) [10 facts about jobs in the future by Pew Research Cent... 716856 views](#)
- [2017 holiday survey: An annual anal...](#) [2017 holiday survey: An annual anal... by Deloitte United S... 1147286 views](#)
- [Harry Surden - Artificial Intellige...](#) [Harry Surden - Artificial Intellige... by Harry Surden 678699 views](#)
- [Inside Google's Numbers in 2017](#) [Inside Google's Numbers in 2017 by Rand Fishkin 1258767 views](#)