NIKILESH KUMAR

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SUMMARY

I am a Python and R developer on a mission to use data driven approaches to identify business and financial strategy frameworks that reflect on what data analytics truly is – creative and innovative story-telling out of pure facts.

EDUCATION

Northeastern University   **Boston - MA, USA**
Master of Science   Sep `17 - Exp. May `19
Engineering Management; Focus on Data Analytics
(Current GPA: 3.85/4.00)
Coursework: Data Mining, Economic Decision Making, Customer Driven Technical Innovation, Probability and Statistics

National Institute of Technology - Tiruchirappalli   **Tiruchirappalli - INDIA**
Bachelor of Technology   Jul `13 - May `17
Computer Science and Engineering
Coursework: Data Warehousing, DBMS, Algorithms and Data Structures, Cloud Computing, Natural Language Processing

SKILLS/CERTIFICATIONS

Scholarships	Grow with Google Challenge Scholarship Recipient 2018 [Android Mobile Development]
Programming Languages	R, Python, Java, SQL, HTML/CSS, Javascript, Amazon EMR, Jekyll
Software Skills	Tableau, MS Excel, MS Word, MS Powerpoint, Minitab, Hubspot CRM, Github, Jupyter

EXPERIENCE

National Institute of Technology - Tiruchirappalli   **Tiruchirappalli - INDIA**
Android Developer Intern   May `16 - Jul `16

- Developed an Android application in Java to track irrigation schedules of 3 different crops and factored in real time weather data using OpenWeather API to adjust irrigation schedules based on weather patterns.
- Led the project to aid the university's effort to support local farming communities with their crop irrigation activities.

Intelli Bookkeeping   **Cambridge - MA, USA**
SEO Analyst – Fall' 17 Project Team   Oct `17 - Dec `17

- Worked with a cloud-based book keeping startup to help increase the domain rank of their website over 3 keyword search campaigns, managed contacts on Hubspot CRM and reported weekly to the CEO through conference calls.
- Analyzed KPIs on Google Analytics and Ahrefs to generate performance reports and observe campaign effectiveness

PROJECTS

Northeastern University   **Boston - MA, USA**
Stock Prediction Using R   Jan`18 – Apr`18

- Performed feature engineering of time-series data and various technical indicators(RSI, SAR, ADX) of financial sector ETFs and utilized the generated features to predict movement on a component stock by using xgboost and KNN classification.

Sentiment and Volatility Data Analysis in Cryptocurrency   Nov `17 - Dec `17

- Created a sentiment analyzer to scrape Twitter data related to various cryptocurrencies, performed data cleaning on tweets and technical analysis on price history utilizing various R libraries including twitteR, ggplot2, quantmod and Plyr.

National Institute of Technology - Tiruchirappalli   **Tiruchirappalli - INDIA**
Activity Recognition and Classification – Undergraduate Thesis   Jan `17 - May `17

- Built a minimalistic activity tracker from a NodeMCU device and employed machine learning techniques (Naïve Bayes) to classify 3 different types of physical activities with 98% accuracy and calculate fitness statistics from the live data stream

VOLUNTARY ROLES

Pragyan *[Manager, Sponsorships and Marketing Team]*   Apr `15 - May `16

- Volunteered as part of 20-member team in a non-profit organization to create multi-tier sponsorship proposals, generate marketing reports, organize events and negotiate sponsorship deals worth over USD 120,000 for the year 2016.

Leadership: Graduate Leadership Institute *[Northeastern University '18],* NITT CSE-Association *[Workshops Chair '17] ,* TEDxNITTrichy *[Founder '15 '16, Chair, Speaker Curation and Selection],* Festember *[Media Relations, Head, '16]*