

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

Master of Science

Engineering Management; Focus on Data Analytics

(Current GPA: 3.92/4.00)

Coursework: Data Mining, Economic Decision Making, Customer Driven Technical Innovation, Probability and Statistics

Boston - MA, USA

Sep '17 - Exp. May '19

National Institute of Technology - Tiruchirappalli

Bachelor of Technology

Computer Science and Engineering

Coursework: Data Warehousing, DBMS, Algorithms and Data Structures, Cloud Computing, Natural Language Processing

Tiruchirappalli - INDIA

Jul '13 - May '17

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

Android Developer Intern

- 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

SEO Analyst – Fall' 17 Project Team

- 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

Cambridge - MA, USA

Oct '17 - Dec '17

PROJECTS

Northeastern University

Stock Prediction Using R

- 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.

Boston - MA, USA

Jan '18 – Apr '18

Sentiment and Volatility Data Analysis in Cryptocurrency

- 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 twitterR, ggplot2, quantmod and Plyr.

Nov '17 - Dec '17

National Institute of Technology - Tiruchirappalli

Activity Recognition and Classification – Undergraduate Thesis

- 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

Tiruchirappalli - INDIA

Jan '17 - May '17

VOLUNTARY ROLES

Pragyan [Manager, Sponsorships and Marketing Team]

- 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.

Apr '15 - May '16

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]