NIKILESH KUMAR

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SUMMARY

I am a focused and goal-driven individual on a mission to use data driven approaches to build applicable business and financial strategy frameworks that reflect on what 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 - TN, INDIA**
Bachelor of Technology in Computer Science and Engineering   Jul `13 - May `17
Graduated First Class
Coursework: Software Project Management, DBMS, Operations Management, Financial Management, Data Warehousing

SKILLS/CERTIFICATIONS

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

EXPERIENCE

National Institute of Technology - Tiruchirappalli   **Tiruchirappalli - TN, 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.

PROJECTS

Intelli Bookkeeping   **Boston - MA, USA**
SEO Consultant – Fall' 17 Project Team   Oct `17 - Dec `17
- Reported weekly to the CEO of Intelli Bookkeeping through conference calls and helped in increasing domain rank of website over 3 keyword search campaigns as well as managing new leads generated on HubSpot CRM.
- Analyzed KPIs on Google Analytics and Ahrefs to generate performance reports and observe campaign effectiveness

Northeastern University   **Boston - MA, USA**
Crime Analysis of the City of Boston   Jan `17 - Feb `17
- Generated a program in R to map crime density in the city of Boston using geospatial data (ggmap) and crime locations from the Boston Police dataset to visualize crime density and observe change in crime over a span of two years.

Sentiment and Volatility Data Analysis in Cryptocurrency   Nov `17 - Dec `17
- Created a regex-based sentiment analyzer to scrape and perform data cleaning on tweets related to various cryptocurrencies and analyzed price volatility utilizing various R libraries including twitteR, ggplot2, TTR and Plyr.

National Institute of Technology - Tiruchirappalli   **Tiruchirappalli - TN, INDIA**
Activity Recognition and Classification – Undergraduate Thesis   Jan `17 - May `17
- Built a minimalistic wearable from a NodeMCU device paired to sensors and employed machine learning techniques (Naïve Bayes) to classify 3 different types of physical activities and calculate health statistics from the data stream.
- Set-up a UDP communications bridge to transmit data at a sample rate of 100/second from the wearable to a remote PC.

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 *[Elected Core Member '17, Workshops],* TEDxNITTrichy *[Founder '15 '16, Chair Speaker Curation and Selection],* Festember *[Media Relations Head '16]*