

# Karan B. Soni

NORTHEASTERN UNIVERSITY · MASTER'S OF SCIENCE IN ENGINEERING MANAGEMENT · CLASS OF 2021

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## Education

### Northeastern University

Boston, USA

CANDIDATE FOR MASTER'S OF SCIENCE IN ENGINEERING MANAGEMENT

2019 - Present

- Coursework: Data Management and Database Design, Economic Decision Making, Deterministic Operations Research & Engineering Probability-Statistics.

### National Institute of Securities Market(NISM) & Dept. of Statistics, University of Mumbai

Mumbai, India

POST GRADUATE DIPLOMA IN DATA SCIENCE

2017 - 2018

- Coursework: Mathematics & Statistics for Analytics, Applied Econometrics, Introduction to Machine Learning & Financial Analytics.

### Shah & Anchor Kutchhi Engg. College, University of Mumbai

Mumbai, India

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY

2013 - 2017

## Professional Experience

### ENDURANCE INTERNATIONAL GROUP

Mumbai, India

ANALYST - ABUSE MITIGATION AND COMPLIANCE

Apr. 2018-Aug. 2019

- Documented, maintained and improved processes for detection and mitigation of abusive activity perpetrated through usage of company's products(Internet domain names, web hosting, email services, etc).
- Performed analysis of malware, spam, phishing/spoof and other abuse incidents within the client base and took appropriate counter-measures in partnership with support and system/ Network administrator teams to ensure that the Acceptable Use Policy is strictly adhered.

### INFORMAISE SOLUTIONS

Mumbai, India

DATA ANALYST

Jun. 2017 - Jan. 2018

- Part of Data Analysis team, Projects involved working in Excel and Rstudio.
- Aided the Business Development team in creating POCs(Proof of Concepts) and Technical presentations for potential and existing clients.
- Assisted the Training team for workshops & courses in Data Analytics with R programming.

### BRISTLECONE

Mumbai, India

DATA ANALYTICS INTERN

Jun. 2016 & Jul. 2016

- The Internship involved understanding and working of various Data Mining & Statistical techniques while programming with the R Language.
- Project title: Predictive Analytics offering for E-commerce Business.

## Academic Projects

### Mini-Projects

SELECTED PROJECTS

2019-Present

- Gathering, Scraping, Munging and Cleaning Data for an Airports Dataset (INFO 6210).
- Implemented Data Mining techniques and Statistical techniques on the UCI Bank customer dataset (IE 6200).

### Undergrad / B.E. Final year project

MOVIE RECOMMENDATION SYSTEM

2016-2017

- Implemented Data Mining techniques such as User-based Collaborating filtering, Content based filtering & Text Mining to recommend movies to users.
- Authored a Technical paper about the research, International Journal of Computer Applications, DOI: 10.5120/ijca2017913026.

## Skills

### Programming

Familiar with R, Python, SQL, HTML & LaTeX environment.

### IDE / Tools

Tableau, Rstudio, Anaconda, Microsoft Visual Studio, Wordpress, WEKA, J-Creator, Microsoft Word, Excel & Powerpoint.

### Certification

Diploma in Cyber Law, Asian School of Cyber Law.

### Languages

Proficient in English, Hindi & Gujarati; Intermediate in Marathi & Beginner in Mandarin Chinese.

## Extracurriculars

### Awards and Memberships

Multiple Locations

LEADERSHIP, PUBLIC SPEAKING & COMMUNITY WORK

2013-2017

- Elected to the position of 'Head of Logistics' for the College Student Council, Shah & Anchor Kutchhi Engg. College.
- Youth Member for MUNA (Maharashtra United Nations Association, official NGO of the UN).
- Student Member at ISTE (Indian Society of Technical Education).
- Winner of Intra-College Debate events held in 2016 & 2017; Head of Research for SAKEC Model United Nations Conference, 2016; Best Speaker Runner Up for RCMMS Model United Nations Assembly, 2016.