SAGAR TANNA

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ **May 2021**
Master of Science in Information Systems **(GPA: 3.83/4.00)**
(Coursework: Big Data Technologies, Financial Decision Making, Web Mining, Data Management, IT Strategy)

University of Mumbai, Mumbai, India **May 2019**
Bachelor of Engineering in Computer Engineering

SKILLS

Languages: SQL, Python, Familiar with R
Productivity Tools: Microsoft Excel (VLOOKUP, Pivot Tables, SOLVER), Tableau, PowerPoint
Certifications: Microsoft Security Fundamentals, Tableau Desktop Specialist

EXPERIENCE

NextSTOP Consulting, Garden City, NY
Business Strategy Intern **Oct 2020 – Dec 2020**

- Assisted with implementation of strategy development initiatives across all elements of NextSTOP's business areas for effective client engagement
- Formulated strategic engagement framework for the organization for assessing client portfolio resulting in efficient onboarding process
- Analyzed competitors' businesses to identify key areas to create a stronger user experience through digital technology

OpenMyNetwork, New York, NY
Business Technology Analyst Intern **Sep 2020 – Dec 2020**

- Analyzed business requirements to help the project for data enablement and building reports in Moodle
- Involved in Requirement gathering, Data Analysis, Data Modelling, Implementations and Data Quality Testing as different segments of SDLC
- Lead multiple rounds of testing by identifying appropriate stakeholders and created test scripts for each stakeholder to execute
- Collaborated with cross-functional teams to integrate new modules with employed business operations and services

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, NJ
Breast Cancer Sentiment Analysis using Twitter **Oct 2020 – Dec 2020**

- Identified and collected over 17K tweets based on breast cancer using Tweepy using related hashtags
- Successfully cleaned and processed data using REGEX and TF-IDF vectors to present an analysis of the tweets using PySpark on an AWS EMR cluster
- Built a sentiment prediction model using algorithms such as Random Forest, Decision Tree and Logistic Regression

Enhancing the DARPA SCORE claims dataset **Mar 2020 – May 2020**

- Employed Web Mining techniques to enhance DARPA's SCORE dataset, used to assign confidence scores to research results and claims of Social and Behavioral Science (SBS) papers
- Scraped ranking & H-index of journals of 2500 SBS published papers from SCImago Journal Site using Pandas and BeautifulSoup
- Augmented quality of claim credibility computation by adding 2 new parameters; rank and H-index attributes to the dataset

Loan Approval Prediction using Python **Oct 2019 - Dec 2019**

- Developed a solution to a classification problem by automating the loan approval decision making of a loan approval/disapproval by identifying dependent customer attributes
- Performed univariate and bivariate analysis of the dataset and achieved 85% accuracy and 92% precision scores using Logistic Regression
- Generated correlations for various customer attributes affecting the decision making process for better data visualization

EXTRACURRICULARS

Peer Mentor, Stevens Institute of Technology **Jan 2020 – Present**
Volunteer, Organization for Youth & Elderly (OYE, Mumbai chapter) **Jan 2018 – Jul 2019**

Available May 2021