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, Process Innovation & Management, Web Mining, Applied Analytics, IT Strategy)

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

SKILLS

Languages: SQL, Python, Familiar with R
Productivity Tools: Excel (VLOOKUP, Pivot Tables, SOLVER), Tableau, PowerPoint, Docker, AWS (EC2, EMR, S3, Redshift)
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
- Performed A/B testing to understand client expectations to optimize partners onboarding resulting in 15% increase in NextSTOP's global partners' network
- Created interactive dashboards using Tableau to highlight the effectiveness of business processes, key company KPIs, and overall company performance

OpenMyNetwork, New York, NY
Business Technology Analyst Intern   **Sep 2020 – Dec 2020**
- Worked in conjunction with design and development teams to prepare data mapping reports and business reports
- Participated in Requirement gathering, Data Analysis and Data Quality Testing as different segments of SDLC
- Reduced the deliverables turnaround time through automation and operational process optimization saving 8 work hours per week
- 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