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, Project Management Fundamentals, 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 PySpark
Productivity Tools: Excel (VLOOKUP, Pivot Tables, SOLVER), Tableau, PowerPoint, Docker, Jira, AWS (EC2, EMR, S3, VPC)
Certifications: Microsoft Security Fundamentals, Tableau Desktop Specialist

EXPERIENCE

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

- Identified opportunities to implement new analytical frameworks comprising 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 and segmentation 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 to stakeholders influencing their decisions in prioritizing roadmap

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

- Partnered with the development team to define data mapping and business reports to track key product metrics
- Participated in Requirement gathering, Data Analysis and Data Quality Testing as different segments of SDLC to identify product opportunities
- Reduced the deliverables turnaround time through automation using Selenium and BeautifulSoup in Python resulting in an estimated 20% reduction in budget and human resources
- Documented and tracked teams' progress using Jira and communicated weekly high-level reports to the leads

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 for performing web analytics
- Augmented quality of claim credibility 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 process by identifying dependent customer attributes
- Performed multivariate analysis of the dataset, achieving 85% accuracy and 92% precision scores using Logistic Regression for computation
- Generated correlations for various customer attributes affecting the decision making process for better data visualization and data reporting

EXTRACURRICULARS

Graduate Student Tutor, School of Business at Stevens Institute of Technology **Mar 2021 – Present**
Summer Research Fellow, School of Business at Stevens Institute of Technology **May 2020 – Jul 2020**
Peer Mentor, Stevens Institute of Technology **Jan 2020 – Present**

Available May 2021