SAGAR TANNA

551-226-2509 | stanna@stevens.edu | Jersey City, NJ 07307 | www.linkedin.com/in/sagar-tanna

EDUCATION

Stevens Institute of Technology, Hoboken, NJ **Expected May 2021**
Master of Science in Information Systems **(GPA: 3.75/4.00)**
(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

TECHNICAL SKILLS

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

EXPERIENCE

NextSTOP Consulting, Garden City, NY
Business Analytics Intern **Oct 2020 – Present**

- Performing market research and estimations to determine the total addressable market in multiple segments of the small and medium business industry
- Identifying data analysis opportunities to assist in identifying appropriate prospects for company's marketing/sales funnel while executing data integration improvements

OpenMyNetwork, Brooklyn, NY
Business Technology Analyst Intern **Sep 2020 – Present**

- Working as part of a team to create a learning platform for high schoolers by developing interactive quizzes using different plugins in Moodle
- Assessing solutions for database operations and reporting tools to analyze the feasibility, identify any risks and share the impact on project timelines
- Co-ordinating with a team of 6 in developing and deployment of a chatbot using RASA for collecting and answering user requests

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, NJ
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 in Python
- Augmented quality of clam credibility computation by addition of rank and H-index attributes to SCORE 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

Titanic Machine Learning from Disaster **Aug 2019 - Oct 2019**

- Performed exploratory data analysis on a dataset consisting of 891 data columns of 12 different features making use of Python Libraries NumPy, Seaborn and Matplotlib
- Created and compared models determining what groups were more likely to survive the Titanic shipwreck based on factors such as age, gender and class
- Compared different classification algorithms such as KNN, Decision Tree, Random Forest, Logistic Regression etc for predicting passenger survival

EXTRACURRICULARS ACTIVITIES

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

Available for full-time from May 2021