Shaunak Rajesh Saklikar

201-736-7508   301 Sherman Avenue, Jersey City, NJ 07307   ssaklika@stevens.edu

EDUCATION

Stevens Institute of Technology, Hoboken, NJ   **Expected May 2022**
Master of Science in Computer Science GPA: 3.56/4.0
Related Courses: Natural Language Processing and Text Mining, Web Programming, Database Management Systems, Agile Methods for Software Development, Algorithms

Savitribai Phule Pune University, Pune, India   **October 2020**
Bachelor of Engineering in Computer Engineering GPA**:** 3.7/4.0
Related Courses: Algorithms, Data Structure, Object Oriented Programming, Data Analytics, Machine Learning, Theory of computation, Web Technologies

SKILLS

Languages: Python, R, C++, C, MATLAB, Octave, Java, SAS (Text Miner), Tableau Software, C#, .Net Core, Git
Internet Technologies: HTML, CSS, XML, Handlebars, ES6 JavaScript, Node.js, jQuery, Ajax, Redis, XSS, React JS
Database: Oracle 8i, MySQL, SQLite, MongoDB, PostgreSQL, Open Database Connectivity (ODBC)

EXPERIENCE

Stevens Institute of Technology
Research Assistant at Wearable Robotic System lab   **January 2021 - Present**
- Build an Online Locomotion Classifier based on feature extracted from instrumented insoles
- Use a classifier model based on various machine learning, deep learning and analytical algorithms like Random Forest, SVM and CNN to interpret millions of data points available from sensors
- Validate various state-of-the-art classifiers and apply the best classifier to the insoles for the practical use
- Assist post-doctoral research fellow and PhD candidates in data collection, analysis and statistical investigation

Bharat Sanchar Nigam Limited (BSNL), Pune, India   **December 2019 - February 2020**
Software Developer Intern
- Upgraded website from basic HTML/CSS to dynamic website using FLASK(Python), increasing 80% work efficiency
- Improved website to connect the new students to the courses provided by the BSNL, Pune by giving more dynamic and ease for searching the interested courses
- Connected the website to payment gateway for easier access for students to pay fees

ACADEMIC PROJECTS

Stevens Institute of technology
Rent-A-Ride   **September 2020 – December 2020**
- Created website for users to post their cars for renting by uploading multiple images and entering a detailed description
- Developed a website that allows fellow users to rent the car by selecting dates, the user has the ability to post a review regarding the services provided by the car owners
- Enabled ability for users to save the cars, see rented car, get the list of booked cars and write review for past rented cars list
- Employed technologies such as HTML, CSS, Bootstrap, NodeJS, Express Framework, XSS, MongoDB, and DOM JavaScript

Sentiment Analysis on Stock Market   **September 2020 – December 2020**
- Analyzed a scrapped data from articles posted about financial news and decisions on stock on different companies
- Built project in Python and libraries used are Pandas, NLTK module, VADER, and sentiment analyzer and matplotlib
- Classified and visualized data and texts about positive and negative stock news
- Summarized the correlation based on tokens, stems, lemma, parts-of-speech, named entities, multi-word features, phrases and sentences by using tf-idf table/matrix

Savitribai Phule Pune University
Adverse Drug Reaction Detection and Analysis System   **August 2019 - May 2020**
- Analyzed the Food and Drug Association (FDA**)** (FARERS dataset) using different Machine Learning algorithms
- Integrated project with Deep Learning algorithms such as CNN, and other optimizations algorithms to improve accuracy
- Customized the project using IBM Model 1, EM algorithm and Bigram Language Modeling with Laplace Smoothing and Backoff, as a personalized consultant
- Participated in National Competition CSI In-app as a team leader with team of 4

Available Summer 2021