ANANDU SANIL NAIR

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SUMMARY

An aspiring data scientist graduate student from University at Buffalo. Proficient in predictive modeling, data processing, and data mining algorithms, as well as AWS, Python, R, and Java. Capable of creating, developing, testing, and deploying highly adaptive diverse services to translate business and functional qualifications into substantial deliverables.

EDUCATION

Master's Data Science, Expected June 2023
University at Buffalo, The State University of New York

- Relevant Course: Statistical Learning, Numerical Mathematics Computation Data Science, Machine Learning, Data Driven Analysis, Data Mining, Computer Vision, Image Processing.
- GPA: 3.503/4.000.

Bachelor's Computer Engineering, November 2020
Mumbai University, Pillai College Of Engineering, New Panvel

- Relevant Course: Big Data Analytics, Data Warehousing, Natural Language Processing, Cloud Computing, Data structures, Analysis of Algorithms.
- CGPA: 7.75/10.00.

EXPERIENCE

Software Developer Internship, DM Enterprises, Mumbai, India, June 2019 - July 2019

- Built a billing software for an enterprise with over 50 employees using Python and MySQL.
- Collaborated on both backend database and frontend UI designing for better accessibility.
- Conducted quality testing and reported software bugs during beta-testing.

Web Developer Internship, Sahoo Technologies, Mumbai, India, January 2019 - February 2019

- Developed dynamic websites using PHP, HTML and JavaScript to showcase an enterprise projects.
- Led entire process of project in design, development, beta-testing and deployment management.
- Coordinated with 3 engineers in process of hosting a website and storing files using AWS S3.

PROJECT

Disease Predictor, Fall 2021

- Implemented prediction algorithms Boosting, Bagging, and Random Forest regression to predict disease based on input symptoms by user.
- Restructured open sources dataset and succeeded by obtaining an accuracy rate of 94%.

Secure Web Signup System, July 2019 - March 2020

- Published paper SECURE WEB SIGNUP SYSTEM - JASC JOURNAL, VOLUME VIII, ISSUE V, MAY - 2020.
- Built secure and quick signup system for websites to protect user data from data leaks with group of 4.
- Implemented AES encryption in authentication platform and brainstormed new techniques to optimize database memory usage.

TV Show Popularity Analysis, Spring 2019

- Constructed a rating application for TV shows based on viewer comments with a team of students.
- Applied sentiment analysis on user-provided comments to understand user comment is positive, negative, or neutral.