Adheep Shetty

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EDUCATION

California State University Long Beach (CSULB)   Expected: May 2020
Master of Science, Computer Science

University of Mumbai   May 2018
Bachelor of Engineering, Computer Engineering   CGPA:3.8

SKILLS

- **Data Science and Analytics:** Pandas, NumPy, MySQL, Matplotlib, Seaborn, MongoDB, MapReduce.
- **AI & Machine Learning**: Natural Language Processing, Recommendation System
- **Programming Languages**: Java, C++, Python, R, UNIX Shell Scripting.
- **Tools**: Eclipse IDE, Intellij, Jupyter Notebooks, Git, Spyder.

PROFESSIONAL EXPERIENCE

College of Business Administration, CSULB
Instructional Student Assistant: Sept 2018 – Dec 2018

- Maintained attendance sheets and exam papers marks in excel sheets for the professor.
- Used to web scrape data from different sites related to professor's research topic, completing his research in short period.
- Carried out workshops for an academic topic for the students.
- Conducted doubts clearing sessions for the students.

Institute of Research and Analytics, CSULB
Oracle SQL Programmer: Feb 2019 – Sept 2019

- Translate Data into plain sentences and provide solutions to meet Data needs of the various departments at CSULB.
- Performing Data visualization for different datasets in from the CSU's Enrollment Data Warehouse.
- Statistical modeling and Data preprocessing GB's of Student Data using python NumPy & Pandas.
- Ensure datasets for dashboards are consistent by performing rigorous validations using historical data.

ACADEMIC PROJECTS

Puzzle Solver Bot   https://github.com/adheepshetty/Puzzle-Solver-2048
- Successfully developed 2048 puzzle solver as undergraduate's final year project.
- 2048 puzzle is played in 4x4 grid, with numbered tiles that slide in all four directions where two tiles with same number collide, then they merge into a single tile with value twice as that of individual tiles.
- Used JavaScript, HTML5, CSS3 for making changes in the original 2048 puzzle's code.
- Learned and implemented Monte Carlo Search Tree Algorithm on 2048 puzzle to reach 2048 block.

CSULB Police Assistant   https://github.com/adheepshetty/CSULB-Police-Assistant
- Developed an application that can query CSULB Police department spatial database as first semester Database Architecture project.
- Used Java, JDBC and MySQL for querying the spatial data.
- Performed data ingestion using JDBC and wrote parameterized functions to easily find the incidents that happened in a zone and all the officers who are present in that area which would help the CSULB Police Department to inform the officer at that zone.
- Given a squad number found out the zone that is currently assigned to the squad and list of all officers assigned to that squad thus identifying the squad responsible for the zone.

Amazon Food Review
- Participated in Kaggle's Amazon Food Review Competition.
- Developed Amazon food review's polarity prediction based on the given review data by applying K Nearest Neighbors algorithm.
- Used Numpy, Pandas for data preprocessing and Matplotlib to visualize the data in Python.
- Used Natural Language Processing Toolkit to remove stop words, punctuations, and to stem the word.
- Built different feature generation techniques to convert text to numeric vector.
- Identified Word2Vec as best technique to convert text to numeric vector giving an accuracy of about 76%.

Word Press Backup (Mini Project)   https://github.com/adheepshetty/WordPress-Backup-Mini-Project-
- Took backup of WordPress Website using metadata by writing Stored Procedures in MySQL.
- Updated only the admin's password using just the metadata and fired this Stored Procedures using Shell Script.
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CERTIFICATIONS

- Python for Data Science from IntelliPaat.   http://bit.ly/Python-for-Data-Science-Certification
- The Ultimate-Hands-on-Hadoop Certification from Udemy.   http://bit.ly/Hands-on-Hadoop-Certification
- Apache Kafka Series - Learn Apache Kafka for Beginners v2.   http://bit.ly/Kafka-Beginners-Certification