

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, SQL, 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 - Group Project

<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.
- Learned and implemented Monte Carlo Search Tree Algorithm on 2048 puzzle to reach 2048 block.
- **Technology Used:** JavaScript, HTML5, CSS3.

CSULB Police Assistant – Individual Project

<https://github.com/adheepshetty/CSULB-Police-Assistant>

- Developed an application that can query CSULB Police department spatial database as first semester Database Architecture project.
- 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.
- **Technology Used:** 1. Java, JDBC for querying data 2. MySQL to create structure of data.

Resume Tracking System - Group Project

<https://github.com/adheepshetty/Resume-Tracking-System>

- Dashboard consisting of visualizations that fulfils the need of recruiters or companies who are looking for candidates who fit in job description.
- Recruiter can always use the visualization and lookup data to have a look at count of how many graduated from a particular university and can decide accordingly what percentage of student can be picked from that university.
- **Technology Used:** 1. Data Collection by web scraping using python. 2. Data Streaming using Apache Kafka.
3. Data Storage using Mongo db. 4. Data visualization using Tableau

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.

CERTIFICATIONS

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

<http://bit.ly/Python-for-Data-Science-Certification>

<http://bit.ly/Hands-on-Hadoop-Certification>

<http://bit.ly/Kafka-Beginners-Certification>