

ADITI PATEL

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EDUCATION

- Present **MS Computer Science-Data Science**-Graduating May 2021
The University of Texas at Dallas-Dallas, TX, USA
Coursework: Statistical Methods for Data Science with R, Web Programming Languages, Database Design, Machine Learning, Network Security, Analysis and Design of Algorithms, Big Data Management and Analytics, Practical Aspects of Data science, Information Retrieval.
- 2019 **B.E- Computer Engineering**
G H Patel College of Engineering and Technology- Anand, GJ, India

SKILLS

Technical Skills

Programming Languages: C,C++, Python, R **Visualization Tools:** Tableau **Database/(R) DBMS:** MySQL, NoSQL **Web Designing:** HTML,CSS,PHP, Javascript, **Machine Learning Statistical Models:** Regression, Clustering, ANOVA, Hypotheses Testing ,Student T-test **Others:** MS Office, MS Excel, R Studio, SPSS, Adobe Photoshop, MS Word, Google Analytics.

Languages: English(Fluent),Hindi(Native),Gujarati(Native)

Soft Skills: Flexibility, Teamwork, Leadership, Communication, Time management, Creative, Learner.

WORK EXPERIENCE

Present **[University of Texas at Dallas](#), Richardson, TX, USA**

- Role of Computer Science Grader.
- Grading Assignments and Tests for Undergraduate Students.
- Conducting office hours to aid students with assignments, tests and coursework.
- Tutoring students and helping in labs.
- Assisting faculty with making copies and distributing homework and assignments.

Jul-Aug 2020 **[University of Texas at Dallas](#), Richardson, TX, USA**

- Role of Student Instructor at Computer Science Outreach.
- Educate school students in Afterschool Coding Clubs during the school year about tools like MIT Scratch, CU Alice, KA Javascript and BBC Micro: bits.
- Tutor university students in Coding Camps at UT Dallas during Summer Months about standard programming languages like C++, Java, Python.

May-Jul 2019 **[Verveba Inc](#), Richardson, TX, USA**

- Pursued an Internship for 10 weeks as a role of Software Engineering Intern.
- Worked with a 7-member cross-functional team and coordinated with one business partner towards the launch of a product for AT&T.
- Participated in database designing with sql server to design normalized database.
- Helped the infrastructure team to host the server and database on AWS cloud.
- Part of daily scrum that makes use of Agile methodology.
- Assisted the 7-member team in solving problems and decision-making.
- Debugging of the software with enhanced efficiency by 10%.

ACCOMPLISHMENTS

Academic Projects:

- Spearheaded a team of 2 members and Created Signature verification system using SVM and Decision Trees with the help of Spyder IDE included in Anaconda, generating around 95% accuracy.
- Forged Competitive Coding Interface for Schools and Colleges using Web development languages, making code evaluation easier with an increase in 5% of efficiency with 3 other team member and duration of 2 years.
- Identifying the 2 main reasons behind the highest number of fatalities in counties of South Carolina using motorcycle.csv using R with the statistical methods with 1-person team.
- Implementation of Naïve Bayes and Logistic Regression algorithms in Python for Text Classification using spam/ham dataset and refining algorithms by discarding the stop words which shows an average of 2.6% improvement in the classification results.
- Effectuated fixed depth Decision tree for Car Evaluation dataset and MONK'S dataset and confusion matrix for depth of 1,3,5 using scikit-learn and seaborn library.
- Database Design from scratch for eBay website with 3-person team using Oracle Cloud and APEX application.

Leadership, Activities and Awards:

- Volunteer of E-Week at The University of Texas at Dallas in the year 2020 for 7 days.
- Student Coordinator of Startup Event "Start-O-Vation" under CSI at GCET in 2018 for 1 year.
- Student Coordinator of Women Development Cell in GCET for the academic year 2018-19.
- Student Coordinator of Sports Week organized by WDC GCET for the academic year 2018-19.
- Volunteer of RACST under Computer Society of India at GCET in 2016 for 1 month.
- Stood 1st (winner) in Startup Event "InQuest" in Udaan organized at BVM in 2017.
- Secured 1st position(winner) in Cricket Tournament arranged under WDC at GCET in 2018.
- 1st runners up of Badminton Tournament InterBranch held at GCET in 2016.

Certifications and Training:

Big Data Specialization from **UC San Diego** (coursera), **Tableau Data Scientist badge** (tableau), **JPMorgan Chase & Co. Software Engineering Virtual Experience** from InsideSherpa, **Data Science: R Basics** from **Harvard University** (edX), **How Google does Machine Learning** from **Google Cloud**(coursera), **Getting started with AWS Machine Learning** from **AWS** (coursera), **Google Analytics for Beginners**, **Advanced Google Analytics** offered by Google