Darshil Shaileshkuamr Shah

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Education

Arizona State University (GPA: 3.78/4)	**January 2021 – December 2022**
Master of Science in Computer Science	*Tempe, Arizona, USA*
Gujarat Technological University, Ahmedabad (GPA: 7.68/10)	**June 2016 – August 2020**
Bachelor of Engineering in Computer Engineering	*Ahmedabad, India*

Experience

Data Analyst, ILPIL, Arizona State University   **March 2021 – Present**
Tempe, Arizona
- Analyzed the agriculture Data to reduce the logistic cost for small agriculture businesses, Performed data modeling and developed Heat Map to identify demand of particular crop.
- Created Software Requirement Specification and UML Diagrams for the project website.
- Pre-processed Data and applied K-Means clustering using Python on the daily price data for the analysis of the clusters.

Technical Intern, Royal Technosoft P. Limited   **October 2019 – April 2020**
Ahmedabad, India
- Learned and applied Machine Learning and Deep Learning algorithms.
- Created the Image data set and trained Deep Learning model on the data using Python to identify and eliminate different types of noises from the data.

Projects

Image Reconstruction
- Created a Deep Learning based tool named Image Reconstruction. It helps to remove different types of noises from an image and helps to make it more visible, clear and pleasant. Worked on Python, Image Processing, Deep Learning and AI.

Taxicab Geospatial Data Processing
- Built an application that finds the Hotzones and Hotcells in a city area by processing numerous spatial queries on a massive database, which includes geographic data as well as customer location data.

Opinion Mining
- Created an opinion mining software using Python, Machine Learning, Data Mining and NLP concepts to analyzes the opinion of the people from recent tweets.

Stock and Financial Analyzer
- Created an application to predict the stock price. Suggests stocks to users which minimize the risk and maximizes the profit, Using previous stock data and random variables.

Car Pool
- Developed an android application and website Using HTML, CSS, JAVA, ADV. JAVA, MYSQL, Android studio, Google maps API. This application allows user to share their ride with others who are travelling on the same root and date.

Technical Skills

Programming Languages: Python, JAVA, ADV. JAVA, C++, HTML/CSS, JavaScript, SQL, Scala, Linux Bash
Design and Simulation Software: OpenGL, OpenCV, MATLAB
Web Technologies: HTML, CSS, JQuery, JavaScript, PHP, AJAX, AngularJS
Operating Systems: Linux, MacOS, Windows
Other Technologies: Word, Excel, Powerpoint, Photoshop, Maven, Git

Leadership / Extracurricular

- Passed Oracle Certified Java Developer certification exam.
- Passed Oracle Certified Web Component Developer certification exam.
- Complete Machine Learning, and Convolutional Neural Network course offered by Stanford, DeepLearning.ai respectively.
- Runners-up in of state level chess competition, Gujarat, India
- Roller Skating Instructor Gujarat, India
- Organized an event in state level Tech-fest named Quench, more than 3000 people participate, organized at Government Engineering College, Gandhinagar, India