Arthkumar Patel

Mission Viejo, California

(949) 527-8145

arthp7044@gmail.com

https://arthpatel98.github.io/

https://www.linkedin.com/in/arthp98/

EDUCATION

Master of Science, Computer Science
San Diego State University, San Diego, CA
(January 2021 – January 2023)   (GPA: 3.88/4.0)

Bachelor of Engineering, Computer Engineering
LDRP - Institute of Technology & Research, Gandhinagar, INDIA
(August 2016 – June 2020)   (GPA: 8.58/10.0)

RELEVANT SKILLS

- C, C++
- Python
- SQL
- NoSQL – MongoDB
- Database Management
- Java
- JavaScript, ReactJS
- HTML, CSS
- Data Analysis
- Data Visualization, Tableau
- Apache Spark
- AWS Services – S3 & EC2
- System Design
- Agile Frameworks
- Machine Learning Models
- Big Data Analytics
- Cloud Computing
- Teamwork
- Adaptability

CERTIFICATIONS

- Google Data Analytics Specialization
- IBM Data Science Specialization
- Stanford University Machine Learning Certification
- Udemy Tableau Certification

LANGUAGES

- English - Proficient
- Hindi - Native
- Gujarati - Native

CAREER OBJECTIVE

A passionate student working towards MS in Computer Science who has knowledge about Data Science, Software Development, Web Development & Databases currently looking for Internship to gain some industry knowledge.

PROFESSIONAL EXPERIENCE

Data Science Intern	**RipeMetrics**, San Diego, CA (January 2022 – Present)

➢ Perform Data Analysis on large customer datasets to extract concrete insights using advanced Python Libraries, make data-driven decisions, build & test Supervised and Unsupervised ML models.
➢ Use datasets to drive optimization and perform Data Cleaning & Preprocessing using Pandas, Numpy, Statistics and creating effective and interactive data visualization charts. Structure data queries and data mining through MongoDB database.

Digital Media Student Assistant	**SDSU Global Campus**, San Diego, CA (July 2021 – January 2022)

➢ Assisted in Paid Advertising Campaigns running on Google Ads & Facebook Ads to perform search term reporting and website exclusions.
➢ Performed Data analysis using Python libraries, Developing Market landing website pages, Database Monitoring & Management using SQL on the data gathered from digital media & visualized that data using Tableau to find conversion ratio.

Software Engineering Intern	**WaytoWeb Pvt. Ltd**, Ahmedabad, India (June 2019 – June 2019)

➢ Identified and translated customer requirements into detailed architecture and designed system, created APIs (using Flask) that can ingest and process data from various sources.
➢ Developed test scripts for automation and performed unit testing of APIs and other services. Implemented some python libraries for REST API command line interface.

PROJECTS

NBA Games & Players Data Analysis (July 2021 - August 2021)

➢ By using NBA data between 2003-2020, performed analysis and visualized some of the results using pandas, numpy, matplotlib and interactive python functions.
➢ Created players and teams performance Comparison models, answered set of questions about players' performance and teams' performance by my analysis. Built Predictive models like Regression and Classification to predict performance.

2020 US Presidential Election Donations Analysis (May 2021 - June 2021)

➢ From the dataset of more than 30 million donations, I analyzed how much money each candidate received in 2020 US Election, also finding mean, median of donations for each candidate, unique contributors, monitoring small contributors and their impact on Presidential Campaigns.
➢ Implemented code locally using Spark Shell and on cloud using AWS EC2 which provided faster implementation of Dataframes using SparkSession from pyspark.sql

US COVID-19 Data Analysis (February 2021 - April 2021)

➢ Performed analysis on COVID-19 cases, deaths and vaccines datasets for all counties and states in the United States. Also, created an interactive dashboard for my results.
➢ Also found out how vaccines impacted on new cases, deaths percentage and whether any state or county reached to herd immunity using numpy, pandas, seaborn and matplotlib.

IBM Applied Data Science Capstone Project (August 2020 - Sept 2020)

➢ Data Analysis of the different Indian Cuisines across NY to decide which restaurant has best average rating from dataset of different restaurants provided by IBM.
➢ Performed Data Cleaning, Exploratory Data Analysis, Data Visualization using matplotlib, seaborn and exported data analysis results into Tableau to create interactive charts.