ARTHKUMAR PATEL

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Objective: A passionate professional student working towards MS in Computer Science who has knowledge about Data Science, Data Analytics, Software Programming & Databases currently looking for Internships to gain some industry knowledge.

Education:

Master of Science in Computer Science, San Diego State University, California (GPA – 4.0/4.0) — **Jan 21 – May 23**

Bachelor Of Engineering in Computer Engineering, LDRP -ITR, Gujarat, INDIA (CGPA – 8.58/10) — **Aug 16 - Jun 20**

Certifications:

1.Google Data Analytics Specialization: **(Feb 21 - April 21)**
Courses - Foundations of Data, Data Cleaning, Data Processing, Data Sharing through Visualization, Data Analysis.

3.Udemy Tableau Certification: **(June 20 - Nov 20)**
Learn about Data Visualization tool Tableau and basics about Data Visualization.

2.IBM Data Science Specialization: **(June 20 - Dec 20)**
Courses - Python for Data Science, Databases and SQL for Data Science, Data Analysis with Python, Data Visualization with Python & Machine Learning with Python.

4.Stanford University Machine Learning **(July 21)**
Basics of ML, types of learning, different ML algorithms with their mathematical explanation and implementation using python programming.

Technical Skills and Courses:

- ML-TensorFlow, Scikit-Learn, PyTorch
- Data Analysis-Pandas, NumPy
- Data Visualization-Matplotlib, Seaborn
- Data Visualization Tools-Tableau, Microsoft Excel
- Data Structures & Algorithms
- Database Management System

- C/C++
- SQL
- NoSQL-MongoDB
- CSS
- Apache Spark
- Big Data & Tools

- Python Programming
- Java
- JavaScript
- AWS Services - EC2,S3
- Machine Learning
- Artificial Intelligence

Job Experience:

Digital Media Student Assistant, SDSU Global Campus, San Diego, California — **July 21- Present**

- Assisting in Paid Advertising Campaigns running on Google Ads & Facebook Ads to perform search term reporting and website exclusions. Main tasks include performing Data analysis using Python libraries, Database Monitoring & Management using SQL on the data gathered from digital media & visualizes that data using Tableau to find leads to admitted students' conversion ratio.

Summer Intern (Python with IoT), Way to Web Pvt. Ltd., Ahmedabad, India — **June 19 - July 19**

- Use IoT sensors and IoT Devices and understand the use of these devices in real life. Work on future ideas using IoT concepts and learn practical implications of Python Programming and Django Framework.

Projects:

NBA Games & Players Data Analysis — **April 21**

- By using NBA data between 2003-2020, I have performed analysis and visualized some of the results using pandas, numpy, matplotlib and interactive python functions. I have answered set of questions about players' performance and teams' performance by my analysis.

US COVID-19 Data Analysis — **Feb 21**

- I have performed analysis on COVID-19 cases, deaths and vaccines datasets for all counties and states in the United States. I have also created an interactive dashboard for my results.

Applied Data Science Capstone Project, IBM — **June 20**

- 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. Also derived which is the best place to stay if you prefer Indian Cuisines.

Daily Checklist & Daily Routine iOS Application — **April 20**

- This application helps to manage our daily tasks and remind us to perform certain tasks in easy and efficient way. We created this iOS application using XCode which can be useful for all.

Languages: English, Hindi and Gujarati.