**TSERING DORJI SHERPA**

**Los Angeles, CA**

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**SUMMARY**

A former developer analyst who currently has his sights set on a full-time data science position. Strong background in computer programming language(Python), knowledge of various types of databases & Web data API’S. An insatiable learner who wants to thrive on delivering valuable insights via data analytics and advanced data-driven methods. Strong emphasis on working collaboratively with a like-minded team to ensure optimal results.

**PORTFOLIO:**

1. **Hollywood Studio Performance Analysis**

***Top 6 studio analysis***

Analyze the performance of top 100 movies produced in past 27 years by total gross revenue for 6 biggest studios.

1. **Social Media Mining**

***Trump’s tweet sentiment vs his approval ratings***

Use Vader sentiment analysis on Trump’s archived tweets for 2017 and compare it with his approval ratings to find the correlation between two if any.

1. **Web Scraping**

***Scraping on various websites to get upto date information on Mars***

Use Beautifulsoup and splinter to scrape websites for up to date information on Mars such as Weather and news.

1. **Mapping web**

***Weekly earthquake data analysis***

Analyze weekly earthquake data and plot the information in map using leaflet.js

1. **Interactive Visualization Dashboard**

***Belly button bacteria biodiversity data visualization***

Interactive Visualization of Belly button bacteria biodiversity data with D3.js.

**TECHNICAL SKILLS:**

***Programming Language* :** Python, R, C#, APEX

***Development Tool* :** Jupyter Notebook, Atom, VS Code

***Database Platform* :** MSSQL, MongoDB, Sqlite, MySQL

***Vizualization Tool* :**Matplotlib/Seaborn, Tableau, Leaflet.js, D3.js

***Data Access Technologies* :** Web services API, Entity Framework

***Web Technologies* :** JavaScript, JQuery, HTML5, CSS3

***Resource Management Server* :** Github, SVN, JIRA

**INDUSTRY KNOWLEDGE:**

***Data Mining***

***Data Warehousing***

***Data Visualization***

***Web services API***

***Web Scraping***

***Social Media Mining***

***Machine Learning***

**TRAININGS:**

• USC Data Analytics Bootcamp (Jan 2018 – July 2018)

• Completed Salesforce ADM 201 and DEV 401 courses and certified as Salesforce Developer DEV401 from salesforce.com (spring 2015)

**PROFESSIONAL EXPERIENCE:**

**Yakshna Solutions, VA Dec 2016 – June 2017**

***.Net Developer***

***Responsibilities:***

• Reengineering the tax form website using ASP.net MVC5.

• Used ninject for dependency injection

• Performed Unit Testing and participated in integration testing

• Worked in agile team environment with designers, QA, BA, scrum master and was actively involved in all the meetings, attended conference calls, scrum meetings and retrospective.

• Used Subversion as source control and JIRA as issue tracking tool to maintain the versioning and scalability.

**Gapsco, Kathmandu, Nepal Sep 2012 – Nov 2012**

***.Net Developer***

***Responsibilities:***

• Worked as Intern Front End Web Developer.

• Involved in a team to present view for requirement gathering for the new projects.

• Interact with client and re-design and finalize the web-template and begin the front-end development.

**EDUCATION:**

***Institution* :** Kist College, Nepal

***Degree* :** Bachelor of Information Management (IT Major)

***Grade* :** 3.65 out of 4

***Affiliation* :** Tribhuwan University