**TSERING DORJI SHERPA**

**Los Angeles, CA**

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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.

**TECHNICAL SKILLS:**

***Industry Knowledge* :** Data Mining, Data Warehousing, Data Visualization, Data

Munging, Web services API, Web Scraping, Social Media Mining, Machine Learning, Statistical analysis, Regression

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

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

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

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

***Data Access Technologies* :** Web services API(Flask), Entity Framework

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

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

**PORTFOLIO:**

**Hollywood Studio Performance Analysis (Group Project)**

***Top 6 studio analysis***

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

**Technologies used:** Python, Sqlite, Plotly, Atom, Jupyter Notebook, Leaflet.js, Flask, Heroku

**Responsibillity:** Data collection, data cleaning, Managing omdb API calls.

**Team Members:** Soniya Chang, Sean Yu, Lindsay Yan, Tsering Sherpa, David Gu.

**Social Media Mining (Group Project)**

***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.

**Technologies used:** Python, Sqlite, Plotly, VS Code, Jupyter Notebook, Matplotlib, Tweepy, OAUTH

**Responsibillity:** Data collection, data cleaning, data quality, data visualization.

**Team Members:** Sherpa, David Gu, Caesar Castrejon, Aram Hovasapyan.

**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.

**Technologies used:** Python, MongoDB, NoSQL, HTML, CSS, Atom, Flask, Jupyter Notebook, BeautifulSoup, Splinter, Bootstrap

**Mapping web**

***Weekly earthquake data analysis***

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

**Technologies used:** Python, MongoDB, HTML, CSS, VS Code, Jupyter Notebook, Leaflet.js

**Interactive Visualization Dashboard**

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

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

**Technologies used:** Python, Sqlite, VS Code, Flask, HTML, CSS, D3.js

**ACADEMICS:**

***•***  ***USC Data Analytics Bootcamp Jan 2018 – July 2018***

***• Bachelors of Information Management 2009 – 2013***

***Tribhuwan University (3.65 out of 4)***

**CERTIFICATIONS:**

***• Google Analytics for beginners August 2018***

***• Salesforce certified force.com developer Spring 2015***

**PROFESSIONAL EXPERIENCE:**

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

***.Net Developer***

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

• 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***

• 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.