**TSERING DORJI SHERPA**

**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.

**TECHNICAL SKILLS:**

***Operating System* :** Windows, MacOS

***Development Tool* :** Jupyter Notebook, Visual Studio, VS Code

***Software Types* :** Desktop-based, Web Application

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

***Cloud-based Technologies* :** Salesforce1, Force.com

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

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

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

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

**PORTFOLIO:**

**Matplotlib/Seaborn**

***Rideshare Data***

Used pandas library to retrieve and clean data from pyber dataset. Used matplotlib/seaborn library for visualization and story telling the conclusions.

**Web Services (API)**

***Social Media Sentiment Analysis***

Used tweepy wrapper for twitter API to retrieve data. Perform sentiment analysis on public tweets for various airlines using Vader sentiment analysis.

**Twitterbot**

***Twitterbot to tweet every minute***

Used tweepy wrapper for twitter API for authentication. Set up the required files on github. Deploy the bot on heroku by connecting it with github account.

**Group Project 1**

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

Used 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.

**PROFESSIONAL EXPERIENCE:**

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

***.Net Developer***

Yakshna solutions is a IT company that does all kind of technical jobs and staffing. I was the developer for reengineering of existing 990N tax form. I reengineered the existing ASP.NET based web app and converted it to MVC.

***Responsibilities:***

• Working as a Developer and moving the existing functionalities plus integrating some new ones.

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

• Used ninject for dependency injection

• Used JavaScript and data annotations for the client end input validation in contact, user login and other various user interaction form.

• Worked on JavaScript and JQuery to provide powerful UI for Application Users to set their preferences and using AJAX call.

• Wrote Client side functions in JavaScript for validations and capturing UI actions of the User.

• Performed Unit Testing and participated in integrated testing

• Performed Unit Testing, Manual testing of the application and UI 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.

• Used DNN for maintaining static pages and created modules and add modules in DNN pages

• Used IIS 7.0 for internal deployment

***Environment:***

Visual Studio 2013, MSSQL Server 2008 R2, SVN Tortoise, AnkhSVN, ASP.NET 4.0, ​C#​, HTML5, CSS3, MVC, JIRA, DNN 7.0

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

***.Net Developer***

Gapsco is a knowledge based and knowledge driven organization with the purpose to build high-performance, smart applications software in Nepal for different organization of varying structure and size. We exist to deliver new or improved software and automation tools, manage IT infrastructure, help organizations solve their IT integration or transition problems and help build a strong IT foundation.

***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.

***Environment:***

MS SQLSERVER, Visual Studio 2010, Linq, HTML, CSS, JavaScript

**TRAININGS:**

• USC Data Analytics Bootcamp (Present)

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

**EDUCATION:**

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

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

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

***Affiliation:*** Tribhuwan University