**SHWETA PATHAK**

1185-6, Boylston Street, Boston, MA, 02215

857-272-5659 | [pathak.sh@husky.neu.edu](mailto:pathak.sh@husky.neu.edu) | [www.linkedin.com/in/shwetapathak-5a4b0614a/](http://www.linkedin.com/in/shwetapathak-5a4b0614a/)

**EDUCATION**

**Northeastern University,****Boston, MA Expected Aug 2019**

***Master of Science in Information Systems***

Courses: Data Management & Database Design, Advances in Data Science, Data Warehousing and Business Intelligence

**Mumbai University,****Mumbai, India Jul 2013-Aug 2017**

***Bachelor of Engineering in Information Technology***

Courses: Database Management, Advanced Database Management, Big Data Analytics, Data Mining & Business Intelligence

**TECHNICAL SKILLS**

**Database:** MySQL, Oracle SQL Developer, SQL Server, PostgreSQL

**Programming languages:** SQL, Python, C, C++, Java (Beginner), PL/SQL (Beginner)

**BI Tools:** Tableau, Power BI, PowerPivot

**Tools:** Talend, Informatica (Beginner), Visual Studio, Toad Data Modeler, Microsoft Office Suite

**PROFESSIONAL EXPERIENCE**

***iRobot Corporation, Bedford, MA***

**Data Services Intern Co-op (Tableau Server and Desktop, Oracle SQL Developer) July 2018- Present**

* Currently working on different Tableau server environments to handle various organizational reports and their functionalities while performing validation and testing on major tableau and oracle reports and deducing conclusions from the same for different departments of the organization
* Formulating documentation for the existing organization reports and developing new tableau reports and data sources while performing data profiling, according to the departmental requirements of the organization

**ACADEMIC PROJECTS**

***Northeastern University, Boston, MA***

**#Foodgasm (Documentation, Product Management, Business Analysis) Sep 2018-Present**

* Fabricated business requirement documents such as PRD, MRD and use case documents about an application based on the concept of ‘making friends while dining’ named ‘#Foodgasm’
* Performed extensive research in terms of customer segment for the application and interviewed the potential users and stakeholders to identify the usability and feasibility of the suggested application
* Currently working on presentation and final business documents to showcase the idea of the application-website in front of potential users while simultaneously learning different tactics of business case documentation

**Retail Data Warehouse Integration & Visualization (Talend, Tableau, Qlik Sense, Power BI) Mar 2018-Apr 2018**

* Integrated data from multiple source databases (*MS Sql Server, MySQL, Oracle, Postgre)* and files, preserving the data consistency, quality and handling the slowly changing dimensions in the warehouse
* Analyzed the trends in sales to determine potential markets and improve existing sales of products in geographical regions using Tableau along with developing business forecasts and data visualizations in Qlik Sense and Power BI
* Analyzed the annual sales of various products and related vendors creating reports in Tableau while designing dashboards and provided periodic and non-periodic reports to facilitate faster decision making

**Prediction of Airbnb New User Booking (Python3, Anaconda) Jan 2018-Apr 2018**

* Performed Exploratory Data Analysis on the dataset provided by Airbnb as a part of Kaggle competition to determine the destination city for a new user on Airbnb based on existing customer’s historical records
* Implemented various classifier models like Random Forest Classifier, RNN, SVM etc., determining each of their accuracies thus suggesting the best model for the dataset along with using libraries like NumPy, Pandas, matplotlib, SciPy for plotting graphs and performing analysis

**Fashion Boutique Database Management System (My Sql, Toad Data Modeler) Sep 2017-Dec 2017**

* Formulated a Database for a Fashion store having details about the employees, customers and products available in the store with their respective prices and discounts along with implementing access roles
* While implementing the Normalization levels (up to 3NF), developed an ER model for the store and executed multiple triggers and stored and implemented concepts of Normalization to 3NF, executed triggers, views and stored procedures