

Sushil Pathak

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GitHub - github.com/pathsush

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Pocatello, Idaho - willing to relocate

Education

Bachelor of Science, Computer Information Systems, Idaho State University

08/2016 -Present

Skills

- **Languages:** C#, JavaScript, Python, PHP, SQL
- **Tools and Frameworks:** Git, PowerBI, SSRS, Bash, Microsoft Report Builder, MYSQL, Laravel, Tableau, Hadoop
- **Models:** Linear regression, Logistic regression, decision Tree, random Forest, Naive Bayes
- **Packages:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Geopandas

Experience

Data Analyst Intern at Entrepreneurship and Economic Development

08/2019 - Present

- Designed and Performed quantitative analysis using python and machine learning for a startup eCommerce for an advertisement which helped to increase the online sales by ~25% in the first quarter.
- Created and designed a visually impactful and analytical dashboard in tableau for data reporting for the finance team to identify key metrics and transform raw data into meaningful, and actionable information.
- Optimized the data collection procedures and generated reports on a weekly, monthly and quarterly basis following and utilizing the concept of data integrity.
- Demonstrated the leadership skills by being a student team leader for the project by incorporating the passion of data analysis and software development.

Business Intelligence Intern at Farm Bureau Mutual Insurance Company of Idaho

01/2019 - 08/2019

- Played a major role in improving the accuracy of forecasted coverage by ~60% via the development of statistical model combining SQL, Python with machine-learning.
- Performed the extraction of relevant information with the identification of economics and industry trends from reports, surveys, documents and statistical data.
- Increased accuracy of Profit and Loss analytical report by ~15% via collaboration with the Accounting and Finance department and used SSRS and PowerBI more precisely for visualization and analysis of target information.
- Reduced data calculation and extraction timing from 1 hour to 2 mins, and increased reporting accuracy by ~20%, via the implementation of improved advanced SQL

Software Development Intern at Entrepreneurship and Economic Development

08/2018 - 01/2019

- Created and completed multiple complex projects in a fast pace environment for eCommerce startup using Laravel, JavaScript, and MySQL, resulting in elevated client experience.
- Worked in all phases of the software development life cycle that includes technical requirements gathering, designing, resource planning, implementation, testing, and maintenance.
- Organized and led weekly scrum meetings addressing constantly changing priorities and deadlines.

Projects

Blog System Web Application

01/2019 - Present

- Created and transformed mock-ups and workflow charts into solutions following best practices by utilizing Laravel, JavaScript and API to create a platform to post a biography of celebrities from the various sector; available: <http://biog.com/>

NBA Winner Prediction Competition / Web Application

06/2019 - 07/2019

- Imported the datasets for data gathering using basketball reference and performed cleaning, manipulation, and transformation using python.
- Implemented the various machine learning models and data mining techniques like data preprocessing, data exploration and visualization to perform analysis which predicts NBA team's win likelihood derived from a combination of several years match-based wins or loses data.