Anishka Paharia

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Education

MS in Computer Engineering, San Jose State University, GPA – 3.7 **2018-2020**
Bachelor of Engineering in Computer Science (CS) (BSCS) ,GTU **2014-2018**

Skills

Deployment and Versioning tools: Dockers, Git, GitHub
Programming Language and Frameworks: Python, MS Office, Java.
Web Technologies: HTML, HTML5, CSS, Javascript
Database: MySQL, SQL, MongoDB, Relational Database, Teradata
Machine Learning: TensorFlow, Classification, Regression, Clustering, K-nearest neighbor , ANN, CNN, AI, Big Data, ML Packages (scikit-learn, pandas, NumPy, Keras, TensorFlow),Pig , Hive, Spark , Hadoop,
Software Development & Designing: Object Oriented Design, UML, Design Data modelling, Solution Architecture, Design Patterns, A/B Testing.
Data Visualization: Tableau, Cognos, Sisense, Looker, SAS, Microsoft BI

Experience

Wiser Solutions Inc, San Mateo (Data Analyst Intern) **May 2019 – present**

- Engaged closely with the product, marketing and sales stakeholders for client-driven business problems to understand their data and reporting needs. QA of data quality and status to ensure data quality and integrity of retail price data extracted from multiple marketplaces to help increase revenue and influence the strategy of marketing effectiveness for e-commerce clients also provided customer support.
- Validated multiple hypotheses on price violations and test them, based on the competitor's retail price data, to drive actionable insights and enabled eCommerce clients to decide highest priority initiatives on their Minimum Advertised Price (MAP) using pivot tables and better tooling. Utilized statistical and analytical techniques to take business judgement and make strategies. Designed and analyzed data. Performed rigorous experimentation throughout the entire company.
- Developed tableau reports for monitoring complex datasets created using SQL and Python to investigate the performance and identify anomalies, patterns and inconsistencies of the business. Communicated modelling constraints and proposed alternative solutions where applicable.
- Executed ad-hoc analysis SQL queries to identify the data/product required for ETL and Data warehousing jobs. Transformed the data as per needs for reporting and analytical functions for technical operations by the technical stakeholders. Identified and resolved gaps in process efficiency and key controls. Delivered projects with details.
- Created KPI dashboards connected to SQL server database to visualize, monitor and logging the metric progress and analyze performance. Produced new dataset to unlock business opportunities and showcased storytelling capabilities.

Projects

Image and Scene Augmented system to assist people **Python, TensorFlow, Machine Learning**

- I have developed a platform to assist low vision and novice learner. Created and maintained technical documentation.
- This will provide assistance with some useful visual aid displayed on the screen.
- Projection of information is based on speech command & the context of the scene captured by device.

Faculty Manager **Android SDK, SQLite Database.**

- Created an application that assigns empty slots of absent faculties with one present, for Dean.
- Developed a certain function that assign proxy to the faculty with the less load on that day.
- Stored and managed the data using SQLite Database. Built effective cross functionality at all levels.

Bus Tracking App **Android, Bootstrap, Google Map API.**

- Developed for University Project. An Android Application that tracks the bus location requirement.
- Upload it to a center server to be broad casted on web site. Displayed on site using Google map API.
- Contains an Android application that broadcast GPS location to the server.

Daily Spend **Android SDK, Java, XML, SQLite Database.**

- An offline easy to use accounting application that helps to keep record of your money.
- Focused on the ease of use, a simple widget button was added that increase data entry by 50 % faster than any conventional app on the market. This application received 2nd price at MSU's Hackathon.

Instacart Market Basket Analysis **Data Mining, Spark**

- Developed a model and trained using Spark and various data mining techniques to predict which product a customer would buy next in his cart. Showcased team-work, responsibility and made detail-oriented report.

Designing a Smart Scheduler using Reinforcement Learning **Reinforcement Learning, Python,Deep Neural Networks**

- Working with massive and complex curated dataset provided by Lam Research (Research project).
- To improvise the throughput and speed of wafer processing, working on implementing a Deep Reinforcement learning model. Used DNN model to predict the next action from a state and action pair and assigned rewards to the one selected.

Scan and Eat **Android Studio, Neural Networks**

- Created android app to suggest the restaurants nearby by on basis of the food dish.
- Trained the food dataset on model to predict the food dish by clicking the picture.