

Sujay Idagunji

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SUMMARY

- Passion for crunching numbers and creating visual analytics to take decisions based on data
- Strong data analytics, leadership, analytical thinking, team-oriented, communication and time management skills

EDUCATION

Master's in Management Information Systems (MIS)

Dec2020

University of Arizona, Eller College of Management, Tucson, AZ

GPA-3.53

Bachelor of Engineering in Electronics and Communication

May2019

Sri Jayachamarajendra College of Engineering, Mysore, India

GPA-3.5

TECHNICAL SKILLS

- **Programming Languages:** R, Python, C, CSS, HTML
- **Database:** MySQL, Oracle SQL, ETL
- **Tools:** SAS, Git, MS Excel, Tableau, PowerBI, Agile Methodologies, SDLC, Google Analytics, MS Visio, MS Teams
- **Certifications:** Tableau Desktop Specialist, Analytics Edge on EdX

RELEVANT EXPERIENCE

Application Integration Intern | Trusona, Inc.

May2020-Present

- Built technical integrations using cybersecurity standard protocols such as SAML and OIDC
- Collaborated with Product Team and Engineering Team to solve integration challenges
- Documented data flows and architecture of each integration and demonstrated them to employees
- Created documentation for accessing each third-party product and integrated with Cloud services such as Microsoft Azure

Machine Learning Intern | Mysore Consulting Group **Tools: Python**

Jan-March2019

- Predicted the stock prices using Arima models and achieved an RMSE of 22%
- Optimized weights of multiple bags of 6 stocks using the Modern Portfolio Theory and achieved profits of ~15%
- Recognized as the best intern among a diverse group of interns for detail-oriented, adaptive, and creative approach

ACADEMIC PROJECTS

Prediction of Kicked Cars at Auction

Tools: R Studio, Kaggle

Jan-May2020

- Created a data model that predicted a bad buy (car with mechanical issues) with an accuracy of 91% using 'Carvana' data
- Preprocessed, oversampled, and applied various data mining algorithms to car acquisition data

Consultant, Client: San Diego Gas & Electric (Sempra Energy)

Jan-May2020

- Analyzed existing internal businesses and asset management processes to reduce risk
- Obtained and analyzed data from various sources while gathering requirements and providing reports to client

Database Architect, Client: University of Arizona Pantry

Tools: Oracle SQL, MS Visio

Aug-Dec2019

- Provided prototype database solution to improve operating efficiency and save costs
- Translated business needs and created an ER diagram on MS Visio that catered to the business needs
- Created a new SQL database implementing various queries and triggers to organize data for efficient use and audit

Analysis of Estonian Accident Dataset

Tools: Oracle SQL, MS Excel, Tableau

Aug2019

- Cleaned, analyzed real time data, retrieved information using Oracle SQL and used MS Excel for tabulating cleaned data
- Visualized the accidents based on year, location, time, day on Tableau and made recommendations to avoid accidents

Prediction of Diabetes using Machine Learning

Tools: HTML, Python, Flask

Aug2018-May2019

- Trained and developed a machine learning model to predict the occurrence of diabetes
- Implemented various ML Algorithms, and KNN gave the highest accuracy of 80% on the Diabetes dataset
- Created web page on the local HTTP Server using Flask to facilitate easy user input to obtain prediction

Prediction of the Winner of US Presidential Election

Tools: ML in R Programming

Jan-Feb2019

- Predicted the Winner of US Presidential Election using Logistic Regression Algorithm with an accuracy of ~89%
- Visualized the predictions of the Election on the US Map using visualization packages such as ggplot2 and ggmap

RELEVANT COURSEWORK

Enterprise Data Management
Business Intelligence

Data Mining
Business Consulting

Business Data Communication & Networking
Information Systems Analysis & Design

EXTRACURRICULAR ACTIVITIES

- Active member of Arizona Consulting Club; Used the opportunity to actively network with consulting industry experts
- Passion for soccer; actively participated and won several soccer events