UDBHAV BALAJI

SOFTWARE ENGINEER • SOFTWARE DEVELOPER • DATA ANALYST

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with expertise in data classification, contract management, and dashboard development using tools such as Microsoft Excel and PowerBI. Proven track record includes a 30% reduction in unclassified spend at Celestica and successful implementation of critical contract terms transitions. Currently pursuing a Bachelor's in Computing with a focus on Data Analytics at Queen's University, combining academic excellence with hands-on experience in Python, Java, and SQL.

AREAS OF EXPERTISE

Professional Skills: Microsoft Office (with proficiency in Excel), PowerBI, GitHub
Technical Skills: Python, Java, SQL, MATLAB, HTML, numpy, pandas, scikit-learn, scipy

WORK EXPERIENCE

Data Analyst & Quote Controller Intern, Celestica, Toronto ON   May 2022 – Aug 2023
- Managed spend data classification to correctly identify categories of spend, reducing unclassified spend by 30%
- Identified critical contract terms and metrics to assist the transition between contract management systems enabling greater visibility of contract terms, allowing better compliance
- Developed a dashboard in PowerBI to enable senior management in evolving appropriate policies for effective management of employee travel expenses

Residence Don, Queen's University, Kingston ON   Aug 2021 – Apr 2022
- Promoting academic success, addressing student needs, encouraging involvement among students in residence
- Implementing and enforcing university and campus policies
- Conducting campus events to help unite the university community while maintaining student safety during the pandemic

Customer Experience Salesfloor Associate, Walmart Canada, Kingston ON   May 2020 – Dec 2020
- Handled customer queries regarding online orders with emphasis on status and availability
- Inventory collection for missing items in orders
- Ensured clean and safe work environment during COVID-19

PERSONAL PROJECTS

Rubix Cube Solver | Python, Object Oriented Programming, *numpy*
- Built Rubix Cube structure/architecture provisioned to perform all operations defined by a real-world cube using Inheritance and Object Oriented Programming (OOP)
- Solver build is currently in progress

Spotify Hit Predictor | Python, Jupyter Notebooks, HTML, Supervised Learning, *pandas, numpy, sci-kit learn*
- Created a web-app that analyzes track metrics to predict the success of a song in the US market
- Designed an XGradientBoost classification model using Spotify data from 90s, 00s and 10s, obtaining an accuracy of 88%
- Developed an API endpoint that interacts with the Spotify API to obtain real-time metrics of songs entered by the user

G2M Investment Analysis | Python, Exploratory Data Analysis, Hypothesis Testing, *pandas, seaborn, matplotlib*
- Explored the performance of 2 alternative cab companies using hypothetical datasets as part of a Go-To-Market initiative
- Evolved credible hypotheses based on industry knowledge and datasets related to profitability, seasonality and customer demographics
- Provided recommendations backed by data on investment opportunities

EDUCATION

Bachelor of Computing (Honours), Queen's University, Kingston ON   Sep 2019 – Apr 2024 (Expected)
- Specialization: Computer Science (Data Analytics Focus)
- Relevant Courses: Advanced Data Analytics, Neural & Genetic Computing, Data Structures, Linear Data Analysis, Nonlinear Data Analysis, Artificial Intelligence

CERTIFICATIONS

Introduction to Data Science in Python, Coursera   Jul 2021
Applied Plotting, Charting and Data Representation in Python, Coursera   Jul 2021