CHYAVAN MYSORE CHANDRASHEKAR

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EDUCATION

The University of Texas at Austin May 2023
Master of Science, Business Analytics (GPA: 3.97/4)

- Coursework: Advanced Machine Learning, Deep Learning, Optimization, Unstructured Data Analytics, Time Series Analysis, Data Visualization, Database Management, Marketing Analytics, Demand Analytics & Pricing

JSS Science & Technology University September 2020
Bachelor of Engineering, Electronics & Communication (CGPA: 9.11/10)

TECHNICAL SKILLS

Computer Languages: Python, SQL, R, JavaScript, HTML, CSS, C#
Technologies & Tools: Git, Scikit-learn, TensorFlow, PyTorch, NLTK, OpenCV, Gurobi, Angular, Spacy, Pandas, AWS
Project Skills: Agile (Scrum, Jira, Kanban, Confluence)

EXPERIENCE

Affinity Answers Capstone Project – *Data Science Intern,* Austin, Texas January 2023 – May 2023

- Develop predictive and time series models of purchase data for each brand, a subset of brands, using client's purchase data and integrating external datasets
- Devising a technique to identify errors in the data causing anomalies as opposed to a change in underlying user behavior

Western Digital – *Software Development Engineer,* Bangalore, India August 2020 - June 2022

- Owned a module of the automation and analytical reporting Software and delivered latency improvements resulting in performance boost of up to 300% in certain cases, functional and scalable code extensions, and front-end enhancements
- Devised SQL jobs, Windows Console Applications & Services, and back-end procedures to achieve communication between internal tools and process data periodically
- Took initiative to deliver significant UI features to improve and provide a consistent user experience for worldwide internal users for the testing process of Enterprise and Client SSDs
- Collaborated with the machine learning team to integrate predictive and diagnostic models with real-time data for failure analysis

Western Digital – *Software Development Intern,* Bangalore, India January 2020 - July 2020

- Initiated and developed an interface to automate workflow for Cadence schematics and hardware simulations resulting in more than 50% reduction of efforts and department-wide adoption

PROJECTS

Stylized Speech Synthesis – *Speech Generation using Neural Networks* October 2022 - January 2023

- Ideated and developed a Generative Machine Learning model for transforming user-specified text input in a desired celebrity's speech by employing vector transformations of the celebrity voice embeddings generated in the process of speaker identification achieved with the help of Convolutional Neural Nets (VGG-16)

A Cornucopia of Cereals – *Recommendation System using Natural Language Processing* September 2022 - October 2022

- Scraped data of 1500+ cereals and extracted user desirable attributes from the user reviews using Natural Language Processing (NLTK) to recommend the top-3 niche products based on results from VADAR Sentiment Analysis and Word2Vec Similarity

Austin MetroBike Trip Prediction – *Predictive Modeling* July 2022 - August 2022

- Performed multiple parametric and non-parametric supervised machine learning analyses on 1.69 million bike trips and predicted prospective trip volumes at MetroBike stations with 83.3% R-squared to provide supply management and marketing insights

LEADERSHIP

- Digital Media Lead - Served as the Digital Media Lead for my undergraduate university's cultural festival 'Jayciana'
- Cultural Team Lead - Led my undergraduate university's cultural team of 50+ talented individuals into a national-level cultural competition, 'Antaragni' organized by IIT-Kanpur
- Developer Student Club by Google - Orchestrated cloud study jams, workshops, and boot camps, while also serving as the lead for digital media and photography teams