

CHYAVAN MYSORE CHANDRASHEKAR

chyavan.m.c@utexas.edu

github.com/chyavan-mc • linkedin.com/in/chyavan-mc • (737) 275-8719

EDUCATION

The University of Texas at Austin

May 2023

Master of Science, Business Analytics (GPA: 4/4)

- Coursework: Advanced Machine Learning, Optimization, Data Visualization, Marketing Analytics, Time Series Analysis, Database Management, Data Mining, Financial Management

JSS Science & Technology University

September 2020

Bachelor of Engineering, Electronics & Communication (CGPA: 9.11/10)

TECHNICAL SKILLS

Computer Languages: Python, SQL, C#, R, JavaScript, HTML, CSS

Technologies & Tools: MS SQL Server, MySQL, Angular, Git, Pandas, Scikit-learn, OpenCV

Project Skills: Agile (Scrum, Jira, Kanban)

EXPERIENCE

Western Digital – Software Development Engineer, Bangalore, India

August 2020 - June 2022

- Owned a module of the 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 & Client SSDs

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

A Cornucopia of Cereals - Crowdsourced Recommendation System

September 2022 - October 2022

- Scraped data of over 1500 cereals, including user reviews, and employed user requirements of desirable attributes or similar cereals to recommend the top-3 niche products based on results from Sentiment Analysis and Word2Vec Similarity

Austin MetroBike Trip Prediction

July 2022 - August 2022

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

Raga Detection

September 2019 - May 2020

- Led a team in a python-based project and analyzed audio data as a three-dimensional signal to extract musical notes as features and leveraged it in the application of live Raga (melodic mode) detection and correction for 200+ Carnatic Musical Ragas

LEADERSHIP

- Digital Media Lead - Served as the Digital Media Lead for my undergraduate university's cultural festival 'Jayciana'
- Cultural Team - 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

ADDITIONAL INFORMATION

Languages: English, Hindi, Kannada

Interests: Bouldering, Calisthenics, Trekking, Digital Art, and Creative Coding

Work Eligibility: Eligible to work in the U.S. due to S.T.E.M. certification; will require visa sponsorship for long-term employment