

RUSHIL NAKKANA

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EDUCATION

The University of Texas at Austin | McCombs School of Business

Austin, TX

Bachelor of Business Administration | Business Analytics | GPA: 3.60

May 2024

- **Certificates:** UT Elements of Computing (*In progress*), Google Data Analytics
- **Relevant Coursework:** Programming for Data Analytics, Elements of Software Design, Database Management, Predictive Analytics, Data Science for Economic Policy, Elements of Data Visualization, Information and Analysis, Optimization Methods

EXPERIENCE

Elevate AI (Pioneering Emotion AI Service) | Business Analytics Intern

June 2023 – Present

- Conducted extensive research on **multimodal AI** and **large language models**, exploring their combined potential for enhanced AI.
- Enhanced emotion recognition AI accuracy by fine-tuning parameters in **Python**, resulting in a notable boost in accuracy.
- Tracked industry competition dynamics through a comprehensive **Excel**-based analysis, providing actionable insights.
- Collaborated proactively within a dynamic team, developing innovative applications using cutting-edge AI technology (**Llama-2**).

Thomson Reuters (Global Information Service Provider) | Software Engineer Intern

June 2021 - August 2021

- Improved proactive issue resolution through an automated **Python** script using Datadog service, resulting in ~14% faster problem identification and resolution for enterprise applications.
- Achieved migration from an on-premise tax provisioning system to highly scalable **AWS** cloud servers, optimizing efficiency.

Consolidated Electrical Distributors (Hardware Distributor) | Product Management Intern

June 2019 - August 2019

- Streamlined business operations by updating productivity report on a daily basis, ensuring accurate insights for decision making.
- Used **SQL** and **Access** to manage databases, ensuring seamless data integration and maintaining consistency between records.
- Implemented inventory forecasting of hardware and processed client payments daily to ensure optimal supply based on data.

ACADEMIC PROJECTS

FIN 372 Predicting Violent Crimes in San Francisco | Student in Data Analytics for Economic Policy

Spring 2023

- Performed binary classification task for prediction of violent crimes based on a San Francisco crime data set.
- Employed advanced **machine learning** techniques in **R** to form accurate predictions and insights (decision trees, naïve bayes, random forest)

BAX 357 Predicting NBA Hall of Famers | Student in Predictive Analytics

Spring 2023

- Performed binary classification task for prediction of NBA Hall of Fame players to develop a memorabilia investment strategy.
- Employed advanced machine learning techniques in **Python** using **sci-kit learn** to form accurate predictions and insights.

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Business Analytics Association | Academic Director (Spring 2023), Member (Fall 2022)

Fall 2022 - Present

- Work with students to facilitate their mastery of key techniques and approaches in solving business problems with data.
- Develop curriculum to lead technical workshops for students to expand skills over analytical topics and programming tools.
- Organize and facilitate informative review sessions for quizzes/tests that empower students to excel in Business Analytics courses.
- Establish and enforce a structured timeline for personal data projects, resulting in tangible outcomes for members' portfolios.

Texas Convergent | Build Team (Spring 2021)

Spring 2021 - Fall 2021

- Competed as a member in the Social Impact Build team, developing a product aimed at creating positive social change.
- Demonstrated exception innovation by winning "Best Overall" award in Spring 2021 with creation of Mindbloom app.

Boy Scouts of America | Life Scout

Spring 2013 - Fall 2020

- Provided service across the country: nature park restoration, camping ground cleanup, and camping ground construction.
- Served as a leader to younger scouts and instilled values of trust, respect, and brotherhood.

SKILLS AND INTERESTS

Technical:

- Python (Pandas, Numpy, SciKit Learn, Gurobi, SciPy, Seaborn, Plotly, Matplotlib)
- R (ggplot, tidyverse, dplyr)
- SQL (Oracle and Microsoft)
- Data Visualization (PowerBI, Tableau)
- Microsoft Office (Excel, PPT, Word, Access)
- AWS (EC2, Lambda)
- MATLAB

Skills: Data Analytics, Predictive Analytics, Machine Learning, Data Wrangling, Deep Learning, NLP, Optimizations

Interests: Travel, Sports, Nature, Emerging Technologies, AI, Volunteering