

# ADISH SUNDAR

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## EDUCATION

**The University of Texas at Austin** Bachelor of Business Administration, Business Analytics May 2025  
Certificate in Computer Science, Overall GPA: 3.89/4.00

**Courses:** Data Science, Predictive Analytics, AI, ML, Data Structures & Algorithms, Database Management, Optimization, Statistics

## WORK EXPERIENCE

**Deloitte** - AI & Data Engineering Intern; Austin, Texas June 2024 - July 2024

- Perform data studies and data discovery routines to address defects and system bugs by utilizing Jira, SQL, and Python
- Build data mapping and conversion scripts in Python to assimilate users between legacy and new systems and maintain structure

**Microsoft** - Data Science Student Partner; Austin, Texas January 2024 - April 2024

- Construct data pipelines utilizing LangChain in Python to automatically produce commentary on quarterly financial reports by connecting Open AI's API with Python's pptx module cutting down 300+ manual labor hours and saving \$10,000+ monthly
- Automate the generation of PowerPoints with various connected data sources to showcase Microsoft's performance over time

**Cencora** - Data Science Intern; Frisco, Texas June 2023 - August 2023

- Performed text analysis in Python using NLP through LDA topic modeling to provide insight into 10k+ customer contact responses
- Optimized website intercepts through analysis of metadata and responses to engage customers driving 80% of company revenue

**Integra FEC** - Data Analyst Intern; Austin, Texas August 2022 - December 2022

- Modeled 15+ probability distributions to showcase analysis of potential insider trading through data auditing of financial reports
- Developed 20+ Python scripts and created time-series anomaly detection models that accurately identified illegal activity at SPACs
- Visualized trading volume and price data of 1500+ companies to detect fraud through statistical modeling of unusual spikes in data

## LEADERSHIP EXPERIENCE & ACTIVITIES

**Escape McCombs Data Competition** - 3rd out of 60+ competitors Spring 2024

- Solved various Python, Meta Data, Machine Learning, Probability, SQL, and Optimization/Logic problems faster than other teams

**NBA Machine Learning Competition** - First place out of 150+ competitors Fall 2023

- Engineered a random forest model that utilized historical NBA player data to determine the optimal investment portfolio strategy
- Created the winning machine learning model through feature engineering, grid search, and model comparison of ROC AUC scores

**Machine Learning Data Science Data Hackathon** - Finalist out of 30+ teams Spring 2023

- Built a machine learning model with 98% accuracy, determining AI-generated reviews versus human reviews from Amazon data

**Business Analytics Association** - Corporate Director Spring 2022 - Spring 2023

- Reconstructed the Business Analytics curriculum to focus on machine learning models and artificial intelligence engineering
- Mentored 10 students in creating end-to-end data science projects and navigating data science interview/job preparation

## PROJECTS

**The Advancement of AI** - Independent Research Project Fall 2023

- Researched the continued development of AI showcasing occupation trends and prominent changes in different AI-exposed fields

**Exploring Austin** - Data-Driven Perspective of Austin, TX Spring 2023

- Utilized k-means clustering in Python to create four high-crime zones in Austin and mapped incidents of highest crime using Folium
- Combined the performance of multiple ML models using ensembling techniques to predict the sales prices of houses in Austin, TX

**Video Game Analysis** - Determinants of High Ratings Fall 2022

- Explored 40+ years of game data to determine factors that influence highly rated video games and analyzed player sentiments

## SKILLS & INTERESTS

**Languages:** Python (Pandas, scikit-learn, LangChain, Gurobi, PySpark, TensorFlow, nltk, PyTorch, Keras), SQL, R, JavaScript, HTML, CSS

**Tools:** Excel, PowerBI, Tableau, Jupyter, Jira, Snowflake, Adobe XD, MS Visio, Github, Bloomberg, VSCode

**Certifications:** Google Data Analytics, Advanced Python, Snowflake Data Warehouse, AWS Training, Cloud Computing, Azure DevOps

**Interests:** Chess, Weightlifting, Anime, Competitive Video Games, Black & White Art, Baking, Data Science, AI & ML, Blockchain