

SANDUL MANAGE

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EDUCATION

The University of Texas at Austin	B.S. in Computer Science Minors: Business, Statistics and Data Science	May 2029
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EXPERIENCE

CoreWeave - Data Analytics Consultant; Austin, TX	Jan. 2026 - April 2026
- Engineered dynamic TCO dashboard with interactive data visualizations, enabling instant competitor cost comparisons - Researched 60+ data points across 3 major cloud competitors, benchmarking GPU, storage, and networking costs - Authored a 15-page TCO report and developed a stakeholder presentation detailing the dashboard's features and insights	
House Doctors of Austin - Data Analytics Consultant; Austin, TX	Sep. 2025 - Dec. 2025
- Implemented AI-powered receipt ingestion system to automate expense tracking with ~95% field-level accuracy - Analyzed 12 competitors (6 local, 6 national), benchmarking offerings and value propositions to strengthen positioning - Applied advanced NLP-based sentiment and aspect analysis to 80+ customer reviews, identifying service enhancements	
Green City Recycler (GCR) - Operations Expansion Consultant; Houston, TX	Aug. 2023 - April 2024
- Diverted 300+ lbs of textile waste by organizing donation drives, textile art competitions, and public awareness programs - Employed DBSCAN algorithm to forecast a 400% increase in yearly profitability through data-driven site selection for bins - Engineered GCR's <i>EcoMeter</i> iOS app, translating textile donation weights into quantifiable environmental metrics, including water conservation, CO₂ reduction, and trees saved, to visualize donor impact and retain recurring contributors	

PROJECTS

Hive - Campus Organization Discovery Platform	May - June 2026
- Engineered improved club directory that provides up-to-date listings, recruiting status updates, and centralized club data - Designed a tag-based filtering system and personal watchlist for students to filter by interests and track recruiting cycles - Developed a Google Forms-to-Firebase approval pipeline that validates club submissions before auto-populating in app	
DraftPicker.ai - NFL Talent Evaluation Tool	Aug. 2024 - Jan. 2025
- Constructed deep learning model to forecast college football players' performance at the NFL level and guide draft strategy - Achieved 95% prediction accuracy across 5 position groups, effectively distinguishing elite prospects from draft busts - Helps mitigate multi-million dollar investment risks for NFL franchises by pivoting from bias-heavy traditional scouting	
BC DetectX - Breast Cancer Detection Application	Aug. 2023 - March 2024
- Developed AI-powered breast cancer detection application that achieved 100% breast-cancer positive detection rate - Leveraged Neural Network, Random Forest, Logistic Regression, and Support Vector Machine models back-end design - Serves as an affordable and accessible alternative to traditional mammograms, reducing barriers to preventative care	

LEADERSHIP EXPERIENCE AND ACTIVITIES

DECA - Vice President	Aug. 2023 - May 2025
- Hosted mock competitions and conducted business proposal reviews for 80+ members, delivering comprehensive feedback - Engineering an automated point awarding process using scripting technology, increasing operational efficiency by 97% - Prepared end-of-year school store financial report for the International School-Based Enterprise competition	

HONORS

2 nd Place at International Career Development Conference in Project Management Business Solutions Event	April 2024
3x International Career Development Conference Qualifier	April 2023-2025
2x Texas Science and Engineering Fair Finalist	March 2023-2024

ADDITIONAL INFORMATION

Computer Skills: Java, Python, Swift, SwiftUI, JavaScript, HTML, CSS, R, RShiny, Firebase, Figma, Excel
Interests: R&B Music, Fantasy Football, Video Editing, Spicy Food, Collecting Ship Models, Escape Rooms