

Marcus Dobson

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EDUCATION

Texas A&M University

Master of Science in Finance
Mays Business School

College Station, Texas

May 2025

Cumulative GPA: 4.00/4.00

Texas A&M University

Bachelor of Science in Electrical Engineering, Minors in Math and Computer Science
College of Engineering

College Station, Texas

May 2024

Cumulative GPA: 3.96/4.00

Honors: Craig and Galen Brown Engineering Honors

PROFESSIONAL EXPERIENCE

Big Data Energy

Incoming Technical Delivery Analyst

Houston, Texas

May 2025

Big Data Energy

Analyst Intern

Houston, Texas

June 2024 – August 2024

- Developed automated natural gas dashboard for pipeline transportation using Amazon Web Services Tools with Python, PostgreSQL, and generative Artificial Intelligence to improve Electric-Gas coordination and presented to system operators
- Created automatic web crawling and scraping tool in conjunction with Amazon Bedrock and Q to create a generative AI chatbot for assistance with navigating and understanding legal documents to streamline member understanding

The Coca-Cola Company

Project Manager for Strategic Supply Chain Intern

Atlanta, Georgia

June 2023 – August 2023

- Created integrated project plan for starting up co-manufacturer production plant by functional workstreams using cross-functional updates, sourcing previous start ups, and communicating to functional leads resulting in 1500+ unique tasks
- Developed and implemented automated expense tracking sheet of raw materials used by co-manufacturer for future negotiations and taxes by creating a VBA script utilizing both Excel and SAP Database

Precision Drilling

Asset Management Intern

Houston, Texas

June 2022 – August 2022

- Analyzed and managed over 1.5 million data points for various assets to identify improvements within current maintenance plan and modify depreciation lifecycle; design and run experiments to perform due diligence on supplier's claims

Student Engineering Council

Team Leader, RADAI

College Station, Texas

May 2021 – August 2021

- Researched medical solutions to detect lung diseases; designed AI capable of 97% accuracy in identification of condition over 100,000 scans and presented tool to panel of experts with current market data resulting in an invitation to product incubator

LEADERSHIP & INVOLVEMENT

TASK Consulting

Member

College Station, Texas

August 2022 – May 2023

- Coordinate with local business owner to investigate operations and improve customer experience and product lineup via competitor analysis and analytical surveys to create formalized solutions for improved customer satisfaction and margins

NSF I Corps I Site

Team Lead

College Station, Texas

March 2021 – May 2021

- Collaborated with team members and experts to develop prototype preventing high pressure areas attributed to bedsores; facilitated effective communication to gain discovery of customer priorities resulting in \$3000 grant

SLING Health

Leader

College Station, Texas

August 2020 – May 2021

- Facilitated and mediated discussions with 5 members of varying fields and expertise to formalize an effective medical product for the prevention of pressure injuries and bed sores for hospital and nursing home patients

SKILLS, ACTIVITIES & INTERESTS

Skills & Certifications: Python, C++, On Shape, Java, NSF I Corps Grant, Wall Street Prep and Excel

Activities & Interests: Braskem Trash Bash, Big Event, Board games, College football, International foods, Personal Projects