

Omotolase Osisanlu

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SUMMARY

Sophomore & Mechanical Engineering student with experience in Fusion 360, aerobatic flight training, noctilucent clouds research, and NVIDIA with a focus in aerospace seeking an (Entry-level/Internship/Co-op) opportunity

EDUCATION

University of Houston, Cullen College of Engineering - Houston, Texas **Expected Graduation Date:** May 2027

Bachelor of Science in Mechanical Engineering

GPA: 4.0

Relevant Coursework: Engineering Math

University of Kansas, KU School of Engineering – Lawrence, Kansas

Bachelor of Science in Aerospace Engineering

GPA: 3.66

Relevant Coursework: Calculus I, Calculus II, Physics I, Chemistry I, Aerospace Colloquium

WORK EXPERIENCE

University of Kansas

Lawrence, Kansas

Chemical Engineering Assistant

September 2023 – May 2024

- Improved efficiency of a pilot distillation system by reducing downtime through effective troubleshooting and the productive use of Fusion 360
- After nine months of engagement the Pilot Distillation System proved to be effective for class projects

RELEVANT PROJECT(S)

Rice University Space Exploration: The Road to Mars Certificate | Affiliate

August 2024

- Outlined a manned Mars mission plan detailing duration, critical resources, and strategic importance with instruction from many professionals in the aerospace industry

International Institute for Astronautical Sciences | Affiliate

September 2024

- Collaborated with aerospace professionals with diverse backgrounds to expand my skills on hypoxia testing, aerobatic flight, noctilucent clouds research, and space simulator training

Johnson Space Center 2024 Hackathon | Participant

November 2024

- Orchestrated with other participants a manned Artemis mission to build a habitat on the moon and presented the plans in front of a panel of NASA judges

LEADERSHIP (AND/OR) COMMUNITY SERVICE

President's Ambassador (Milwaukee, Wisconsin)

March 2022 – May 2023

- Chosen to represent my high school in the various meetings, events, and fundraisers the school held for the donors

Diversity Club (Milwaukee, Wisconsin)

April 2021 – May 2023

- Stood up for the underrepresented minority students at a majority white high school

Houston Food Bank Volunteer (Houston, Texas)

August 2024

- Volunteered at the Houston Food Bank to make sure those in need could have prepackaged food

NACME Gala Volunteer (Houston, Texas)

October 2024

- Assisted NACME Gala setup and guided high schoolers in the configuring of a Rube Goldberg Machine

CLUBS

Black Male Engineering Network (BMEN)

Member (Houston, Texas)

August 2024- Present

- Networking with other African American males to bring a greater change in the engineering field by networking, uplifting, and guiding each other through the arduous engineering tasks

National Society of Black Engineers

Member (Houston, Texas)

August 2024- Present

- Increasing the number of black engineers who are culturally responsible, excel academically, and succeed professionally while having a positive impact on the community

SKILLS

Software: Fusion 360 (Intermediate), NVIDIA (Beginner)

Languages: Russian (Studying), Spanish (Beginner)

HONORS AND AWARDS

AIAA SciTech Diversity Scholarship 2025