

CONTACT

469-974-8185

Nolawiashine19@gmail.com

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS (PRESENT)

- Pursuing a bachelor in Mechanical engineering

RICHLAND COLLEGE -

- Associate in Sciences 2019-2023

HARMONY SCHOOL OF INNOVATION -GARLAND

- Highschool diploma 2019-2023

SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- experience in CAD software
- Certificate in Fusion 360
- Certificate in Autodesk Inventor

LANGUAGES

- English (Fluent)
- Ahmaric (Fluent in understanding)

NOLAWI ASHINE

EXPERIENCE

Structures and Payload Team Member

2024-PRESENT

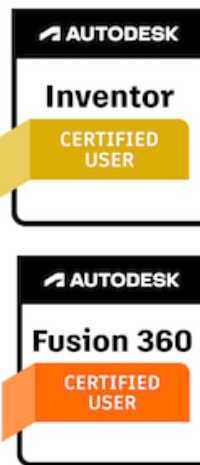
University 10K SRAD Rocket Competition - AIAA Spaceport America Cup

As a member of both the Structures and Payload Teams, I contributed to the design, analysis, and manufacturing of the rocket's main body, including the nose cone and fins. In addition, I collaborated with the Payload Team to design and implement an electromagnetic induction system capable of generating and storing electricity. Through this experience, I gained hands-on skills in mechanical engineering and team-based project management while working within a multidisciplinary team consisting of Structures, Payload, Avionics, Propulsion, and Business. My role required strong problem-solving and collaboration skills in an international competition setting to successfully meet project milestones and deliverables.

Comet robotics solaris project

2024-PRESENT

I am a member of the mechanical team for Comet Robotics' Solaris project, where my teammates and I design, test, and produce the mechanical systems for our Mars rover. Our goal is to compete in a competition that involves completing various simulated tasks that real rovers would need to perform on Mars. This experience allows us to apply our skills and knowledge while contributing to a project that aims to replicate the challenges faced by actual Mars missions.



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NOLAWI ASHINE

EXPERIENCE

Level 1 Rocket Program Team Lead

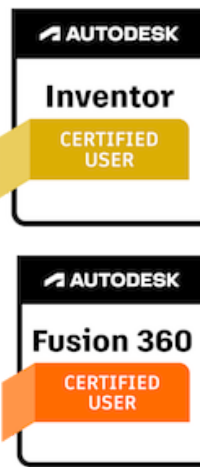
2024-PRESENT

I was thrilled to be accepted into the Level 1 Rocket Program, where I have the privilege of leading a team through the end-to-end design and construction of a Level 1 rocket. Our team is responsible for developing the rocket from scratch while adhering to specific program parameters. The project involves designing both the rocket's body and avionics system, with a primary objective of collecting accurate air pressure and temperature data during flight. This data has the potential to enhance weather monitoring and forecasting systems, contributing to the broader field of atmospheric science. By integrating advanced sensor systems within the rocket, we aim to create a robust payload capable of recording high-quality environmental data at various altitudes. This project not only challenges us to engineer a reliable rocket but also provides an exciting opportunity to support real-world weather data collection, offering valuable tools for atmospheric research.

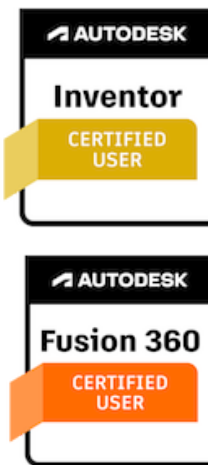
National Honor Society- Board memeber

2019 - 2023

- In the national Honor society as a board member I was tasked with the planning and development of community school events and also planning money raising events to fund help the community school events.I also as a board member help lead monthly communal talks with the student body and their parents to help sort out our issues and concerns and building a stranger school spirit .



NOLAWI ASHINE



EXPERIENCE

UNICEF

2019 - 2023

- Me and a peer co-founded this club and registered with the international organization gaining sponsorship and resources to help raise money to various issues around the globe as vice president I held a lot of informative group meeting on discussions like on what products are most likely to gain more traction at school to raise more money as well as finding different issues to send aide with this year me and our colleagues raised over a hundred dollars towards sending relief and aid packages to pakistan after the catastrophic floods.

African Student Association

- Me and a peer Co-founded this the african student association club as a safe space for africans facing discrimination at our school we wanted this to be an outlet where we can discuss issues that they are facing in our community and find solutions on how to address them.

2019 - 2023