

Erick White

Integrity ~ Honesty ~ Collaboration ~ Perseverance

Contact

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Education

University of Colorado Boulder
Boulder, Colorado, USA

Undergraduate (Freshman) –
Aerospace Engineering

Thomas B. Doherty High School
Class of 2022 – Valedictorian
GPA: 4.6389 (4.0 unweighted)

Key Skills

Bilingual (English/Italian)
Semi-fluent in Spanish

Programming Experience (Java,
Python, HTML+CSS+JS,
MATLAB, C++)

CAD/CAM (SolidWorks, Inventor)

LaTeX

Objective

Hardworking student seeking an opportunity to learn and grow in a team environment with exceptional interpersonal skills and ability to communicate effectively; hoping to gain experience for future work in an aerospace or computer science field and eventual work as a NASA astronaut.

Experience

Volunteer, Colorado Springs Astronomical Society – 2013-2022

- Public outreach work, including presentations, operating telescopes for public use, and interactive demonstrations

Volunteer, Black Educator's Network – 2020-2022

- Presentations (keynote and interactive), book fairs in promotion of literacy

World Alternate Finalist, Conrad Challenge – 2020

- Finished 7th worldwide from over 30 teams in the aerospace category for the project "From Gas to Gas: Emission-Based Fuels," chosen as alternate finalist in event that one of the top five teams could not make the finals
- Highly positive comments from judges

Communication

Keynote speaker at Black Educator's Network Literacy Festival (fall 2021 and spring 2022) – *Setbacks, Success, and Strength*

- Meant for audience range from child to adult, but focused on teens and young adults
- Massively positive reception, particularly from adults with extensive public speaking experience

Jim West Memorial Youth in Science speaker (summer 2017) – *Measuring Atmospheric Methane Levels of Uranus and Neptune Using Spectroscopy*

- Targeted mainly towards adults with interest in using spectroscopic analysis for experiments, but presented at a level where teens and those with little to no background could understand the content
- Extremely well received, praised by both amateur astronomers with interest in the field and attendees with no prior experience

Leadership

Doherty High School:

- President – National Honor Society – 2021-2022
- President – Aerospace Club – 2020-2022

University of Colorado Boulder:

- Outreach Lead – CU Astronomy Club – 2022-Present

References

[Available upon request.]