Blake Logan

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PROFESSIONAL SUMMARY

Highly motivated Aerospace Engineering undergraduate with a strong academic background and practical experience. Eager to apply technical skills and knowledge to support innovative engineering solutions.

EXPERIENCE

Target, Lee's Summit, MO/ Mesa, AZ— *Guest Service*

MO - July 2018 - August 2020 AZ - July 2021 - Present

During 11th and 12th grade, I worked 30 hours per week as a guest service advocate, cashier, and cart attendant, exhibiting excellent customer interaction skills. I currently work part-time while completing my Junior year at ASU.

Safeway, Scottsdale, Arizona— *Cashier*

September 2020 - June 2021

During my freshman year at ASU, I worked 30-35 hours per week and closed the store, demonstrating reliability and attention to detail.

EDUCATION

Lee's Summit High School, Lee's Summit, MO

August 2016 - May 2020

Enrolled in all honors courses during 10th and 11th grade. Completed IB Math, IB English, AP Physics I and II during my 11th and 12th grade years. Graduated with a 4.4 GPA and ranked 10th of 432 students.

Summit Technology Academy, Lee's Summit, MO

August 2018 - May 2020

This is a private, career specialized technical training school for STEM students. Attended for 3 credits in both 11th and 12th grade.

Courses : Computer Animated Manufacturing, Intro to Aerospace Engineering, Engineering Design and Development, Engineering Field Experience.

Arizona State University, Tempe, AZ

August 2020 - Present

Studying as an undergrad for a Bachelor's in Aerospace Engineering with a focus in Astronautics. Consistently performed at the top of my class.

GPA: 3.86

Programs/Software

MATLAB/Simulink - Advanced

Microsoft Office - Proficient

ANSYS - Proficient

SOLIDWORKS - Proficient

AWARDS

Dean's List - Fall 2020 - preset

Burns & McDonnell Battle of the Brains Finalist - Engineering Project - Awarded 10th grade.

Top 5% of class - 4.4 GPA

Srinivasan R. Iyer Family New American University Scholarship - Fall 2020 - preset

CLUBS/ORGANIZATIONS

Sun Devil Satellite Laboratory:

Currently working on the development of a satellite design for the CanSat Competition organized by The American Astronautical Society

PROJECTS

Prandtl-Glauert Computational Fluid Dynamics:

Developed a MATLAB numerical method to solve for the perturbation potential field and drag of an airfoil.

Aerospike Wave Drag Analysis:

Designed an experiment to minimize the wave drag of a supersonic missile.