## [redacted]

First -year Undergraduate Engineering student at University of Michigan with strong research orientation, analytical ability, continuous growth mindset and excellent problem-solving skills. Detail-oriented and highly organized. Comfortable in working individually or in a team. Strong communication and presentation skills.

## [redacted]

● Proficient at programming with [redacted] and [redacted] ● Expert at [redacted] ● Well versed in [redacted] ● Fluent in [redacted], [redacted] and [redacted] ● Comfortable with [redacted]

## [redacted]

August 2020 to May 2023

Bachelor of Science in Engineering, Ann Arbor, *University of Michigan*

Major: Aerospace Engineering BSE GPA: 3.973 / 4.0

Minors: Physics and Computer Science

## [redacted]

● General Chemistry ● Physics with Calculus I and II (Mechanics and EM) ● Introduction to Aerospace Engineering ● Introduction to Aerospace Structures ● Introduction to Gas Dynamics ● Introduction to Modern Physics ● Waves, Heat and Light ● Calculus I and II ● Multivariate Calculus with Analytical Geometry ● Differential Equations ● Linear Algebra ● Fundamentals of Mechanical Engineering Design ● Introduction to Computers and Programming● Aerodynamics ● Discrete Mathematics ●

## [redacted]

[redacted]

Analyzed comet data from Zwicky Transient Facility (telescope in Palomar, California) to look for centaur class asteroids and fit orbits to them using JS9 image analysis software. Compared results with NASA Jet Propulsion Laboratory's web Horizon's interface.

[redacted]

Created SolidWorks drawings of specific parts to aid manufacturers in the production of said parts. Worked on simulation program using MATLAB which simulated the rocket's motion during flight.

## [redacted]

June 2019 to July 2020

A+ Instructor, Mathnasium, Grand Rapids

- Taught students from grades K-12 basic and advanced math concepts positively impacting their overall math skills, performance at school and attitude towards the subject.
- Routinely interacted with and provided feedback to parents about student's progress.
- Instrumental online teaching program of the Grand Rapids North Mathnasium center when adjustment had to be made for the pandemic.
- Helped make back-office operations more efficient and automated as the center adjusted to new ways of conducting business during the pandemic.
- Received raise and promotion within the first year of work.

June 2021 to August 2021

Engineering Tech Intern, Dematic, Grand Rapids

- Worked with engineers to design and test products in real-world settings
- Created test fixtures to carry out tests in an efficient manner
- Aided sales teams in ensuring customer satisfaction during Tech Center visits
- Processed and analyzed large data sets to show meaningful results to managers and engineers