

Jason Le

720-903-6653 | jale3562@colorado.edu

Education

Bachelor of Science| University of Colorado Boulder| Degree Expected: May 2022

- Major: Aerospace Engineering
- GPA: 3.94/4.00

Work Experience and Related Projects

University of Colorado Boulder, Space Grant GLEE

- **Science Team Member| 03/2021-Present**
 - Assisted in the development of the LunaSat, which is a multi-sensor plate that will perform science on the lunar surface in 2023
 - Lead and developed the capacitor sensor on the LunaSat to distinguish different materials and densities on the lunar surface
 - Designed the capacitor sensor to increase the sensitivity to low dielectric materials by 30%

University of Colorado Boulder, Bursar's Office

- **Client Representative| 09/2018-Present**
 - Manage incoming phone calls from students, parents, and third parties
 - Collaborated with different departments and parties to solve student finance related problems

Walmart

- **Overnight Stock Clerk| 06/2020-08/2021**
 - Expertise in multi-tasking while working in a high-pressure environment
 - Completed tasks like stocking, zoning, and cleaning in a timely matter

Projects

- **Thrust Vector Control Rocket | 02/2021-11/2021**
 - Developed a finless rocket that stabilizes due to a PID controlled thruster gimbal
 - Created models and simulations in python to validate the rocket design
- **Arduino Based RC Eigenmode Plane| 12/2020-07/2021**
 - Developed an RC plane that goes to the aircraft's eigenmodes trajectories
 - Analyzed aircraft structure to determine gains to ensure the eigenmodes are both stable and noticeable
- **Filament Recycler| 01/2020-05/2020**
 - Prototyped a filament recycler with recycled PLA parts
 - Modeled and manufactured the structure of the filament recycler

Leadership/Clubs

Vietnamese Student Association |09/18-Present

- Coordinated events with other universities to help Vietnamese identity in Colorado
- Build a foundation for minority students to strive for professional and personal growth

Skills

- **Software: MATLAB, C++, Simulink, Python, Arduino, PIC**
- **CAD: Solidworks, Altium**