

## EDUCATION

<b>Purdue University, West Lafayette Indiana</b>	2025-Present
College of Engineering	GPA: 3.35
<b>Reno High School, Reno Nevada</b>	2021-2025
Honors Diploma	GPA: 3.9

## EXPERIENCE

<b>Purdue Solar Racing</b>	2025-Present
Structures Team Member	West Lafayette Indiana
<ul style="list-style-type: none"><li>– Use FEA to optimize the chassis composite layout for regulation crashes.</li><li>– Prep the chassis molds by blocking out the foam structure and sanding the final molds.</li></ul>	
<b>Mathnasium</b>	Feb 2025-Jun 2025
Mathematics Tutor	Reno Nevada
<ul style="list-style-type: none"><li>– Helped 2-3 children at a time work through pre-planned math worksheets and quizzes.</li><li>– Taught sometimes unintuitive mathematical concepts with examples or physical props.</li></ul>	

## PERSONAL PROJECTS

<b>Astrophotography</b>	2024-Present
Travel to dark sites and use astronomy and photography gear to collect photos of astronomical objects	
<ul style="list-style-type: none"><li>– Tools &amp; technologies used: Equatorial Mount, DSLR Camera, Refractor, Ekos, Siril</li><li>– Collect data with a mix of on-the-fly thinking and rigorous steps. Creatively combine and processed data to produce the desired final image.</li></ul>	
<b>Self-Hosting</b>	2023-Present
Built and maintain a TrueNAS Scale server for self-hosted applications such as a website and data storage.	
<ul style="list-style-type: none"><li>– Tools &amp; technologies used: ZFS, TrueNAS Scale, Docker, Linux</li><li>– Research self-hosting applications and implement with Docker for easier support. Maintain redundant storage to prevent data loss and downtime.</li></ul>	

## TECHNICAL SKILLS AND INTERESTS

**Skills:** FEA, Composites, Hardware/Software Troubleshooting  
**Soft Skills:** Communication, Teamwork, Teaching  
**Coursework:** Linear Algebra, Electrodynamics, College Biology, Basic Java/Python/MATLAB/C  
**Areas of Interest:** Aerospace, Composites, Physics

## POSITIONS OF RESPONSIBILITY

<b>Treasurer, Reno High School Arduino Club</b>	2024-2025
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## ACHIEVEMENTS

<b>National Merit Scholarship Finalist</b> for academic and extracurricular achievements	2025
<b>AP Scholar with Distinction</b> for scoring a 3 or higher on 5+ AP exams	2025