

EDUCATION

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

EXPERIENCE

Purdue Solar Racing	2025-Present
Structures Team Member	West Lafayette Indiana
– Use FEA to optimize the chassis composite layout for regulation crashes.	
– Prep the chassis molds by blocking out the foam structure and sanding the final molds.	
Mathnasium	Feb 2025-Jun 2025
Mathematics Tutor	Reno Nevada
– Helped 2-3 children at a time work through pre-planned math worksheets and quizzes.	
– Taught sometimes unintuitive mathematical concepts with examples or physical props.	

PERSONAL PROJECTS

Astrophotography	2024-Present
Travel to dark sites and use astronomy and photography gear to collect photos of astronomical objects	
– Tools & technologies used: Equatorial Mount, DSLR Camera, Refractor, Ekos, Siril	
– Collect data with a mix of on-the-fly thinking and rigorous steps. Creatively combine and processed data to produce the desired final image.	
Self-Hosting	2023-Present
Built and maintain a TrueNAS Scale server for self-hosted applications such as a website and data storage.	
– Tools & technologies used: ZFS, TrueNAS Scale, Docker, Linux	
– Research self-hosting applications and implement with Docker for easier support. Maintain redundant storage to prevent data loss and downtime.	

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

Treasurer, Reno High School Arduino Club	2024-2025
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ACHIEVEMENTS

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