

# CALVIN SPROUSE



- » Status: Junior, BS Physics, Minor Math/Astronomy/CS
- » Skills: Python, Word/Excel/PowerPoint, Photoshop/Illustrate, Solidworks
- » Interests: Research, Education, STEM, Outdoors
- » Clubs: Climbing Team, Scoeity of Physics Students, Astronomy Club

## Summary

My name is Calvin Sprouse, I am a third year at CWU pursuing a BS in Physics with minors in Math, Computer Science, and Astronomy. I anticipate graduating June 2024 and pursuing graduate school for Physics. Leading up to that I have 12 years of competitive FIRST robotics experience, the later 8 of which I also spent teaching K-12 robotics classes and mentoring younger FIRST robotics teams. In that time I served many positions from various technical leads to project lead. Most notably I coordinated the development of a set of after school classes at a local elementary school and middle school. These classes survived COVID thanks to the effort of Mt Si High School Robotics Club and now allow students to be engaged in robotics throughout their entire K-12 experience. I currently serve as the secretary of CWU's Society of Physics Students, am a competing member of the CWU Climbing Team, and a competing member of the CWU Wildcat Rocketry Team in the 2023 NASA Student Launch Challenge.

## Experience

Starting Now	<b>Learning Commons MATH Tutor</b>	CWU
	<ul style="list-style-type: none"> <li>» Assisting students by meeting or drop-in in a wide variety of STEM subjects.</li> <li>» Creating educational hand-outs for students and fellow tutors.</li> <li>» Coordinating with professors to provide instructional feedback and encourage professor student interaction.</li> <li>» Learning and sharing educational techniques with tutors to best serve students needs.</li> </ul>	
Summer 22'	<b>Undergraduate Research Assistant</b>	CWU/NSF
	<ul style="list-style-type: none"> <li>» Wrote simulations for complex biological process in the brain from a physical perspective.</li> <li>» Collected and shared data with partner research groups to facilitate further experimentation.</li> <li>» Organized the process in GitHub to enabling remote collaboration, revision history, and future safe code.</li> </ul>	
Summer 22'	<b>Summer Camp Night Assistant</b>	NESSP
	<ul style="list-style-type: none"> <li>» Assisted camp directors with moving students, teaching lessons, and ensuring safety.</li> <li>» Served as the night Resident Assistant for students ensuring safety and readiness for the next days activities.</li> <li>» Drove a group of students in a large passenger van to camp events.</li> </ul>	
21' - 22'	<b>ResLife Office Assistant</b>	CWU
	<ul style="list-style-type: none"> <li>» Assisted students at a front desk, over the phone, and via email about on campus living.</li> <li>» Scanned, sorted, and delivered upwards of 200 packages per day to on-campus residents.</li> <li>» Assisted the office and RAs in tasks such as making announcement signs and printing posters.</li> <li>» Interviewed new hires for the position.</li> </ul>	

## Education

2016-2020	<b>HS Diploma</b>	Mt Si High School
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