

## Benjamin Walker Hartley

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## Education

### Institutions

2021-present	<b>Harvey Mudd College</b>
2018-2020	Miracosta Community College
2016-2020	Sage Creek High School

### Skills

Python, C++, Rust, Java, HTML, JavaScript

#### **Mathematics, Physics**

Electronic Test Equipment  
Research Lab Procedures  
Curriculum Development  
Quality Control Software

## Work Experience

### Fall 2022-present

Grades and tutors for college courses in special relativity and abstract algebra at Harvey Mudd College.

### Summer 2022-present

**Investigates entanglement witnesses and automates experiment calibration/execution in a quantum optics lab at Harvey Mudd College.**

### 2020-2021

Collaborated with a small team of senior engineers to automate the execution of firmware test protocols for a medical device at Nalu Medical.

### Summer 2020

Developed curriculum and taught classes in control theory and algorithms for high school robotics students at Sage Creek High School.

### Summer 2019

Collected data regarding device connectivity as a function of spatial orientation at Nalu Medical • Worked as a general lab assistant at Algae Research and Supply • Developed curriculum for and taught control theory for high school robotics students at Sage Creek High School.

### Summer 2016-present

Offers individual tutoring in STEM disciplines for high school and college students.