

James A. Holmes

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EDUCATION:

Massachusetts Institute of Technology (MIT)

Cambridge, MA | May 2029 | GPA: N/A

Projected Major: Nuclear Science and Engineering

Relevant Coursework: Calculus I & II, Complex Problem Solving, Physics: Mechanics

Montana Technological University (MT Tech)

Butte, Montana | May 2025 | 3.9/4.0 GPA

Participant in dual credit program

Relevant Coursework: Multivariable Calculus, Intro to Differential Equations, Methods of Proof, Physics: Mechanics; Heat, Sound, and Optics; Electricity and Magnetism, General Chemistry

Butte Central Catholic Schools (BCCS)

Butte, Montana | May 2025 | 4.0/4.0 GPA

Valedictorian | ACT: 35

Tutoring Club Founder and President | National Honor Society | Student Council Vice President | Key Club

EXPERIENCE:

Montana Technological University - Lab Assistant

Butte, Montana | Jul 2023-May 2025

- Worked as a lab assistant for the Department of Metallurgical and Materials Engineering.
- Helped with the organizational system of the lab.
- Conducted and assisted with a wide range of different experiments.
- Organized experimental data into charts and graphs using LibreOffice Calc.

Butte Central Tutoring Club - Founder, President

Butte, Montana | Aug 2024-May 2025

- Wrote a proposal for the club and made it work with my principal.
- Created the club by finding a teacher to be the club advisor, recruiting tutors for different classes, advertising to the student body, and organizing meetings.

Butte Central Student Council - Vice President

Butte, Montana | Aug 2021-May 2025

- Assisted in organizing as well as setting up for and cleaning up after dances and other social events.
 - Managed the logistics of many student activities such as the annual Thanksgiving dinner that my school hosts for the homeless or anyone else that wants to come have dinner with their community.
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ACTIVITIES:

Butte Central Key Club

Butte, Montana | Sept 2023-May 2024

- Volunteered for the community color run held in opposition to substance use.
- Renovated the auditorium at my high school.

St. Ann's Youth Group

Butte, Montana | Aug 2021-April 2025

- Helped care for retired and current priests by moving a retired priest into a new home and by painting the rectory.
- Participated in many odd jobs for the general good of my church such as moving boxes and furniture, fundraising, shoveling, and volunteering for community outreach programs.

Young Leaders Summit

Los Angeles, California | July 2024

- Chosen to be one of 200 students to attend the Young Leaders Summit where I learned critical life skills and started a network of dependable friends.
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SKILLS/TRAITS:

Passion for Learning | Critical Thinking | Lab Experience | Office Suit | Deep Interest in Nuclear Science and Sustainability