

CHRISTOPHER GILBERT

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2 Ole Musket Rd, Cumberland, ME 04110

Motivated student with curiosity and enthusiasm who enjoys physics, math, programming, and music.
Pursuing a career in Quantum Computing and Quantum Information Science.

EDUCATION and EXPERIENCE

Coursework: Junior taking all Honors or AP/IB courses. College Courses while in high school include Calculus A, Calculus B, Calculus C, Linear Algebra, Discrete Math, Ethics, Composition and Presentation II.

Tests:

- **ACT: 36** | Math 36, Science 35, English 35, Reading 36
- **PSAT: 1480** | Read/Write 760, Math 720
- **AP Physics C Mechanics: 5**

Author: *Quantum Mechanics for Kids: a Humorous, Easy-to-Read, Math-Free Book on a Very Perplexing Subject.* (2019)

World Science Scholar: Completed two years of challenging coursework in topics such as general relativity, computational analysis, and evolutionary medicine. I worked on individual study as well as projects myself and with other scholars. (2021-2024).

MIT Beaverworks Summer Institute: Quantum Software | 2023

University of Waterloo Quantum School for Young Students | 2021

AWARDS and HONORS

- **1st Place Samsung Solve for Tomorrow Challenge** Treating water for PFAS chemicals | Maine, 2023
- **Nonfiction Authors Association Book Award** | Silver Medal, 2019
- **Rise for the World, Global Finalist** | 2023
- **XVII Golden Key Piano Composition Competition Award** | “For Lewiston”, 2023
- **Kotzschmar Memorial Trust Music Scholarship for Organ Performance** | 2023
- **Maine Celebration of Young Musicians for Organ Performance** | 2019
- **All Eastern Honor Choir and All State Choir** | 2022
- **Children's Choir PortOpera's production of Carmen** | 2018
- **National Latin Exam Magna Cum Laude** | 2023-24
- **1st in Maine 3M Discovery Education Young Scientists Lab Competition** | 2018

SERVICE and EXTRACURRICULARS

- **Mentor** | Junior World Science Scholars, 2023
- **Junior World Science Scholars Workshop Presenter** | “Quantum Computing: Using Physics to Exponentially Increase Computing Power”, 2023

- **Educational Youtube Channel @CPGTV** | Seventeen videos and thousands of views on topics including derivatives, antimatter, Bose-Einstein condensates, quantum cryptography, artificial intelligence, and more to “spark curiosity for math and science in kids and in everyone.”
- **Guest Organist** | Basilica of Saints Peter and Paul, Lewiston, Maine, 2023
- **Psalterium Institute of Maine Chamber Choir** | 2023-2024
- **Historical Studies:** Year-long research projects for the Maine National History Day Competition
 - [Leo Szilard and the Atomic Bomb](#) | 1st place website | 2019
 - [George Lemaitre and the Big Bang Theory](#) | 1st place website | 2020
 - [Claude Shannon and Information Theory](#) | 2nd place website | 2021
 - [Bohr, Einstein, and the Debate of Modern Physics](#) | 1st place paper | 2022