

Professional Summary

First-year student at the University of North Carolina at Chapel Hill pursuing a B.S. in Physics with a minor in Philosophy. Completed 7 AP courses in high school with an average score of 4.86. Currently maintaining a 4.0 GPA in first semester. Applying for the UNC Honors Carolina Program to engage in interdisciplinary seminars, undergraduate research, and community-focused scholarship.

Skills

Python (SciPy, NumPy, Matplotlib)

LaTeX — Scientific Writing

Data Analysis & Statistical Methods

Critical Thinking & Philosophical Argumentation

Public Speaking & Debate

Arduino & Basic Circuit Design

Certifications

AP Physics C: Mechanics — Score: 5 - College Board

Issued: May 2025 - Expires:

AP Calculus BC — Score: 5 - College Board

Issued: May 2025 - Expires:

AP Chemistry — Score: 5 - College Board

Issued: May 2024 - Expires:

AP English Language — Score: 5 - College Board

Issued: May 2024 - Expires:

AP US History — Score: 4 - College Board

Issued: May 2024 - Expires:

National Merit Scholarship Finalist 2025 - National Merit Scholarship Corporation

Issued: Feb 2025 - Expires:

Education

B.S. Physics (Minor: Philosophy of Science) — GPA: 4.0 / 4.0
University of North Carolina at Chapel Hill

Work History

UNC Department of Physics & Astronomy

Physics Lab Assistant (Volunteer) | Sep 2025 - Present

- Assist graduate students in preparing apparatus for optics and mechanics lab sections
- Help 20+ introductory lab students per week with measurement techniques and data analysis

Durham Public Library — Youth Learning Center

Math & Science Tutor | Sep 2023 - Jun 2025

- Provided free weekly tutoring in Algebra II, Pre-Calculus, and AP Physics to 15+ middle and high school students
- Designed a visual 'Physics in Everyday Life' worksheet series adopted by 2 local teachers

Durham School of the Arts

Co-Founder & President — Philosophy & Ethics Club | Sep 2023 - Jun 2025

- Founded club with 40+ active members; organized monthly Socratic seminar discussions
- Hosted a student-led symposium on AI ethics attended by 120 students and 3 faculty members

NC State University — Physics REU Program

Summer Research Participant | Jun 2024 - Aug 2024

- Investigated quantum dot fluorescence properties under Dr. Samuel Park's supervision
- Presented poster at NC State Undergraduate Research Symposium — Honorable Mention

Languages

English: Native

Spanish: Intermediate (B1)

Mandarin Chinese: Beginner (A1)

, May 2029 (Expected)

High School Diploma — Weighted GPA:

4.78 | Class Rank: 2 / 298

Durham School of the Arts

, Jun 2025

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