Caleb Ellenberg

Sophomore, Brown University

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EDUCATION

Brown University, Providence, RI — Sc.B.   September 2024 - May 2028 **(GPA 4.0)**
- Concentration: Applied Mathematics – Computer Science
- Selected Coursework:
    - CSCI 190: Accelerated Introduction to Computer Science
    - CSCI 300: Fundamentals of Computer Systems
    - CSCI 1470: Deep Learning
    - APMA 350: Applied Ordinary Differential Equations
    - APMA 360: Applied Partial Differential Equations
    - APMA 1655: Honors Statistical Inference I
    - APMA 1690: Computational Probability and Statistics
    - APMA 1710: Information Theory
    - BIOL 190P: Pride and Prejudice in the Development of Scientific Theories
    - POLS 1140: Public Opinion and American Democracy
    - POLS 821D: How to Think in an Age of Polarized Politics

University of Wisconsin, Madison, WI — *Dual Enrollment*   September 2022 - May 2024 **(GPA: 3.9)**
- Took 8 courses in math, computer science, science communication, and education.

Madison West High School, Madison, WI   September 2020 - June 2024 **(GPA: 3.9)**
- Graduated with Honors, National Merit Finalist, Rotary Club of Madison Outstanding Senior Award.

EXPERIENCE

Heatmap News, New York, NY — Paid Intern

February 2025-June 2025

I collect data on renewable energy policies by calling county officials across the country, asking about local zoning ordinances and contested solar and wind projects, and logging this data.

The Brown Daily Herald, Inc., Providence, RI — Data Desk Head

Analyst: September-November 2024, Head: December 2024-Present

I lead a team of 20 analysts and analyze data and create articles and websites using Python, JavaScript, and HTML. I build [interactive web dashboards](#) displaying results from student polls. I analyzed [changes in word frequencies](#) in Herald articles from 1891 to the present using the Herald's digitized archive. I published interactive articles simulating [Ivy Madness playoff scenarios](#) and analyzing the student [housing selection](#) process.

24cast.org, Providence, RI — Decision Desk Developer

October 2024-November 2024

On election night I was interviewed as part of 24cast's live webcast (sponsored by the Brown Political Review), and I worked to predict election outcomes and to call races quickly and accurately with a focus on Wisconsin.

Camp Ramah, Conover, WI — Sleepaway Camp Counselor June 2023, June-August 2024 and 2025

Volunteer Research Assistant, Madison, WI

September 2023 - March 2024

With Professor Angela Duckworth at University of Pennsylvania, I conducted statistical analyses of language use patterns in novels over time. Working with Professor Ramya Vinayak at University of Wisconsin–Madison, I wrote and tested code for a machine learning research project focused on graphical neural networks.