

# 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-Present

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 8 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.