

# Chirag Bhardwaj

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## Education

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**University Of Wisconsin—Madison**  
B.S in Computer Science and Data Science

May 2024

- #1 Student spotlight in UW-Madison CS newsletter 2021
- Dean's List

### High School

2020

- Graduated as valedictorian.
- President and founder of Computer Science club.
- SAT top performer award

## Work Experience

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**Software Engineering Intern**  
Underwriter Laboratories, Chicago

May 2022 - August 2022

- Upcoming summer internship

**Calculus TA**  
Undergraduate Teaching Assistant

January 2022 - Present

- Undergraduate TA for Calculus 2 (course no. MATH222) at University Of Wisconsin-Madison. Offering drop in office hours for help in all levels of calculus.

**CS Tutor**  
Volunteering

May 2021 - July 2021

- Taught "Introduction to Programming" to high school students in rural India. Helped the students develop computational thinking.

## Technical Skills

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- Programming Languages: Java, Python, JavaScript, C, C++
- Databases: SQL
- Front end languages: HTML, CSS, JavaScript
- Operating Systems: Windows, Linux, Unix/Mac

## Projects

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### People Counter In The Lab:

A Machine Learning project that is currently being used in the university's CS building to provide live updates of the number of people in the lab. It identifies every human and increments the counter when they pass the prediction line and enter the lab. It also decrements the counter when someone leaves the lab.

### Blockchain:

Designed my personal blockchain and mined my own "Chirag coin". Used SHA-256 algorithm for making it secure. All the coins are generated using a combination of the coin data, previous coin's hashcode, and the current timestamp accurate to the millisecond.

### Memory-Match Game:

A fun gui based game in which the user has to select a card and find its matching card from the tiles which have been hidden after selection.