

# Ashima (Ashi) Kamra

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## EDUCATION

**Wellesley College - Wellesley, MA**

Expected May 2026

B.A Computer Science and Economics - GPA: 3.75

*Relevant Coursework:* Artificial Intelligence, Data Structures in Java, Introduction to Probability and Statistics

## TECHNICAL SKILLS

**Programming Languages** - Python, Javascript, Java, HTML, CSS, R

**Libraries/Frameworks** - Bootstrap, JQuery, Tailwind CSS, Matplotlib, Google Colab, Google Sheets

**Skills** - Web Development, Product Development, Graphic Design, Data Visualization

## PERSONAL PROJECTS

*Catch Me If You Can't - An Analysis of A.I Content Detectors*

June 2023 - August 2023

- Displayed research regarding the reliability of 3 popular A.I content detectors in a visual essay.
- Conducted extensive literature review, coordinated remote research with 7 participants across the U.S, and used Matplotlib/Google Colab for data visualization.
- Discusses implications of using generative A.I technology in higher education. Concludes that A.I detection is not an effective method of plagiarism prevention.

*Female Representation In Indian Parliament*

May 2022

- Created a visual essay in Javascript/D3.js/HTML/CSS analyzing the fraction of female politicians in the 17th Lok Sabha. Focuses on how representation varies in political factions, and across age and caste.
- Circular graphic featuring colored-coded nodes to represent each parliament member for users to visually comprehend gender gap.

## WORK EXPERIENCE

**Wellesley Computer Science Department**

August 2023 - Present

*Data Structures Teaching Assistant*

- Tutored 50+ students in the introductory data structure course
- Held drop-in hours 1x a week to work one-on-one with students, debugging code, and clarifying concepts.
- Work directly with professors and other tutors in weekly lab meetings, to develop effective homework plans, identify students needing help, and share student feedback

**Wellesley Hackathon**

May 2023 - October 2023

*Web Development Team Member*

- Developed home website for the 2023 Wellesley Hackathon using Javascript/HTML/CSS with jQuery to effectively present information to 100+ hackathon participants.
- Pair programmed weekly with team lead and refined web development skills through bi-weekly feedback sessions.

**MIT Sloan School of Business**

June 2023 - August 2023

*Generative A.I & Curriculum Assessment Researcher*

- Researched and collected use cases of generative AI under the guidance of Professor Melissa Webster to understand the efficacy of potential A.I applications.
- Investigated accuracy of various A.I Content Detectors to respond to national trend of plagiarism accusations.
- Collaborated with an MIT student to develop a teachers manual aimed at assisting teachers integrating genAI in the classroom.