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: Computer Programming & Problem Solving, Data Structures in Java, Introduction to Probability and Statistics

TECHNICAL SKILLS

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

Libraries/Frameworks - D3.js, Bootstrap, JQuery, Matplotlib, Google Colab, Google Sheets

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

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 Hackathon   May 2023 - Present

Web Development Team Member

- Developed home website for the 2023 Wellesley Hackathon using Javascript/HTML/CSS with jQuery to effectively present information to 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.

Wellesley College Cred Lab   August 2022 - May 2023

Research Assistant

- Analyzed impact of TikTok search algorithms on spreading political extremist content to further existing literature.
- Collaborated in weekly lab meetings to give and receive feedback that refines project goals and ensures efficient and effective methodology.