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, Fundamental Algorithms, Theory of Computation, Introduction to Probability and Statistics, Combinatorics and Graph Theory

Massachusetts Institute of Technology - *Boston, MA* 2022 - 2024

Cross Registered Student - GPA: 4.00

> *Relevant Coursework:* Software Design (Fall '24), The Law of A.I, Big Data and Social Media

TECHNICAL SKILLS

Technologies - Python, Javascript, Java, HTML, CSS, jQuery, Typescript, Bootstrap, Matplotlib, Pandas, Figma, GitHub

Skills - Software Development, Front-End Development, Prototyping, Product Design, Data Analysis, Project Management

PERSONAL PROJECTS

Personal Website January 2024 - August 2024

- Designed and developed a personal website with HTML/CSS/jQuery/Bootstrap to more effectively present my projects, interests, and aspirations
- Created a full, high-fidelity prototype in Figma, designing icons, logos, and buttons from scratch
- Followed the Web Development Life Cycle and fully redesigned the website into a mobile-friendly, responsive build after thorough testing for obstacles in user experience.
- Self-studied jQuery to utilize its lightweight capabilities for cleaner, more effective code in the final product.

CS232 Final Project - A Study of Ethnic and Gender Bias in LLaMA April 2024 - May 2024

- Developed a probe task to analyze potential gender and ethnic biases in Meta's LLaMA language model, focusing on age of marriage predictions.
- Engineered a dataset of 90 prompts across 5 ethnic and 3 gender categories to test LLaMA's implicit biases.
- Developed a Python program to process and analyze LLaMA-generated responses, extracting metrics like ranges and averages on predicted marriage ages.
- Conducted a comprehensive study over 3 trials, revealing systemic biases in LLaMA's outputs
- Synthesized findings into a final paper complete with data visualizations of average/range of marriage ages

WORK EXPERIENCE

Live Nation

Finance Technology Project Management Intern June 2024 - August 2024

- Collaborated with the finance technology team as a project management intern to facilitate a large system switch from Oracle EBS to Oracle Cloud Fusion impacting 1000+ users.
- Generated and maintained daily project reports and effectively communicated with the team about setbacks or progressions in system switch.
- Discussed weekly with manager to reflect on personal growth or challenges met throughout time at Live Nation.

Wellesley Computer Science Department August 2023 - June 2024

Data Structures Teaching Assistant

- Tutored 50+ students in the introductory data structure course; held weekly 1:1 drop-in hours with students, debugging code, and clarifying concepts about data structures like Heaps, Linked Lists, Trees, and Hash Maps.
- Communicated effectively with students of various technical backgrounds, refining problem-solving abilities, and developing constructive study plans to succeed in the course.
- Identified students who needed additional support and shared course feedback with professors weekly, to ensure content could be adjusted appropriately to clarify difficult concepts