

Aryan Das
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Westborough, MA, USA

INTRODUCTION | High school senior passionate about Computer Science and Global Health, skilled in machine learning, data analysis, and programming. Seeking opportunities to apply my skills and contribute to innovative projects.

EDUCATION | High School Diploma Expected May 2025, Westborough High School—Westborough, MA
Cumulative GPA of 4.41

- President Computer Science Club, President-Founder Entrepreneurship Club, President Global Health Awareness Club, President AI/ML Club, Soccer, Track & Field (Indoor & Outdoor)

HONORS | Two Time Climate Science Olympiad: Semi-Finalist, Ronald Reagan Leadership Medal, Congressional Award Silver Medal, Big Idea Competition: Honorable Mention, UpstateHacks Ideathon: First Place

EXPERIENCE | **University of Massachusetts Amherst, Manning College of Information and Computer Sciences**
Software Engineering Intern March 2023– October 2024

- Worked on AI-powered intelligent tutoring systems.
- Contributed to the development of 100+ math problems and 50+ animations
- Helped write a \$650,000 grant from the National Science Foundation (NSF).

Carnegie Mellon University

Cybersecurity Research Intern February 2024 – Present

- Co-authored a draft paper, *SoK: Enhancing Learning Through the Integration of Large Language Models and Neuro-symbolic Learning*, on integrating LLMs with neuro-symbolic learning to improve AI reasoning and interpretability, covering key concepts and challenges.

Broad Institute at MIT & Harvard

AI Research Intern June 2024–August 2024

- Enhanced a Python library for visualizing genomic and phenotypic information via computation plots
- Developed features such as using NumPy arrays for transparencies, applying gradient colors, and improving modularity for more dynamic data visualization.

Dartmouth College

Data Science Research Intern August 2024–Present

- Engaged in the Knowledge Graph Reasoning (KGR) project, focusing on creating personalized summary graphs and integrating Large Language Models (LLMs) with Graph Neural Networks (GAT).

Learn It

President-Founder March 2023 – Present

- Founded a nonprofit focused on global health and sustainability, growing to 1,000+ members.
- Organized a global hackathon with 470 participants and \$20K in prizes
- Partnered with 50 NGOs to drive awareness campaigns and create volunteering opportunities.
- Featured in the Community Advocate newspaper for impactful initiatives.

ADDITIONAL INFORMATION

- Took the *ET111: Introduction to Coding, Robotics, Electronics, and Technology (iCREAT)* summer course at MassBay Community College, earning 3.0 College Credits.
- Languages: English (native), Odia(fluent), French (intermediate)
- Hobbies: Community Service, Reading, Travelling, Cooking