

Cameron Young

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EDUCATION:

Massachusetts Institute of Technology

Major: Computer Science & Engineering

August 2021 - May 2025

GPA: 4.6/5.0

- Relevant Coursework: Design for the Web: Languages & UIs, Artificial Intelligence, Linear Algebra and Optimization, Design & Analysis of Algorithms, Software Construction, Software Design, Computer Systems, Computation Structures

Lancaster Country Day School

Unweighted GPA: 3.97/4.0

August 2017 – May 2021

ACT Composite: 34/36

ENGINEERING EXPERIENCE:

MIT Schwarzman College of Computing

Lab Assistant, Design for the Web

February 2025 - May 2025

Cambridge, MA

- Hosted weekly office hours aimed towards assisting students grasp web development and design concepts.
- Collaborated with peers to construct grading rubrics and evaluate student work, delivering helpful, constructive feedback.

Capital One

Software Engineering Intern — Tech Internship Program

June 2024- August 2024

New York, NY

- Built RESTful API to automate synchronization of changes in the company's data lake to Databricks using AWS Lambdas.
- Reduced latency for data analysis in Databricks and minimized data storage costs by up to 4x with dataset synchronization.

Capital One

Software Engineering Intern — Tech Early Internship Program

June 2023- August 2023

McLean, VA

- Developed a full-stack search engine application using Flask and React that aids data analysts in processing data requests.
- Improved upon my skills in technologies such as React and SQL, and gained familiarity with new technologies such as Golang and Swift through participation in a five-week coding boot camp.

MIT Picower Institute for Learning and Memory

Undergraduate Researcher

February 2023-May 2023

Cambridge, MA

- Trained a machine learning model, set up data pipelines, and analyzed data coming from video feeds using the Pandas and DeepLabCut Python libraries for a research project on mouse behavior and brain activity.

Lockheed Martin Space

Artificial Intelligence Research & Software Engineering Intern

May 2022-August 2022

King of Prussia, PA

- Developed and trained a machine learning model using the Python libraries TensorFlow and Keras.
- Improved data normalization in the machine learning model to increase continuity between the ML model and framework.
- Identified and repaired bugs on a framework built on Flask to support software engineering team in completing Agile tasks.

Lockheed Martin MIT Momentum Challenge 2022

Participant - Search and Rescue Mission

January 2022

Cambridge, MA

- Developed Python algorithms for autonomous drone flight in collaboration with interdisciplinary team of four, with the goal of finding lost survivors in water.
- Presented team's solution to industry sponsors as part of annual competition; received highest score and placed first.

LEADERSHIP EXPERIENCE

Sigma Nu Fraternity

President (2024-25), Recruitment Chair (2022-24), Alumni Relations Chair (2021-23)

December 2021-Present

Cambridge, MA

- Oversaw and lead chapter's efforts in enhancing on-campus experiences of our brothers and giving back to our community.
- Lead recruitment efforts in the fall and spring by planning events, managing the budget, and coordinating 60 brothers.

Society of Hispanic Professional Engineers - MIT

Social Chair (2022-24), Youth Empowerment Chair (2021-22)

September 2021-Present

Cambridge, MA

- Planned large-scale, Boston-wide social events for club, which involves publicizing, organizing large food orders, and more.
- Organized events geared towards the empowerment of students in underrepresented or underserved communities.

SKILLS:

Computer: Python (extensive), HTML & CSS (extensive), JavaScript (experienced), React (experienced), Git (experienced), Go

Languages: English (native), Spanish (intermediate), Portuguese (beginner)