

# Cameron Manzo

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[cmanzo.com](http://cmanzo.com)

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## Education

### Phillips Academy, Andover

Expected Graduation: May 2026

**Relevant Coursework:** Calculus BC, Cryptography, Autonomous Systems, Information Theory, Computer Science Research and Development, Physics C: Mechanics, Physics C: E&M, Intermediate Mechanics, Foundations of Modern Physics

**Activities:** Computer Science Club Co-President, Linguistics Club Co-President

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## Research

### Mechanistic Interpretability and Alignment

*Independent*

Tracking sparse autoencoder feature dynamics across fine-tuning checkpoints in Qwen-2.5-1.5B to characterize how internal representations shift during emergent misalignment.

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## Experience

### MIT Beaver Works Summer Institute

July–August 2025

*Participant*

- Completed online embedded systems course; selected for competitive, intensive summer session
- Developed and implemented a secure bootloader for an ARM microcontroller in C
- 1st place out of 7 teams in embedded Capture The Flag (CTF) competition

### Andover Launchpad

May 2024–Present

*Chief Technology Officer*

- Lead design of agentic development curriculum for startup incubator
- Mentor student startup teams on product development and software engineering

### The Phillipian

January 2024–2026

*Digital Editor*

- Manage backend CMS for [school newspaper site](#) with 50,000 monthly users
- Developed the [2025 State of the Academy](#) featuring interactive data visualizations using Python and web technologies

### Boys & Girls Club of Lawrence, MA

September–November 2024

*Coding Circle Volunteer*

- Mentored youth in programming fundamentals with introductory text-based coding

### Kaleidoscope Kids

July 2024

*Teaching Aide*

- Led and supervised hands-on robotics, electronics, and programming classes of 20 students each
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## Skills

- Python (NumPy, Pandas, Matplotlib)
  - C/C++
  - Machine learning (SAELens, PyTorch)
  - Git
  - Linux
  - Technical writing
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## Awards & Honors

- **1st Place** – Beaver Works Summer Institute Embedded CTF (2025)
- **1st Place/16 teams (Boston regional) & Top 10 Globally** – Hack Club Counterspell (2024)
- **Commended Scholar** – National Merit Scholarship (2024)
- **Silver Key & Honorable Mentions** – Scholastic Art & Writing Awards (2025, 2026)