

# ELI LEWIS

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## EDUCATION

### **Brimmer and May (Graduated spring 2025)**

- GPA: 3.93, STEAM Diploma
- Awards: Humanities Award, Innovation and Design Award (Spring, 2023), Scholastic Art Competition Gold Key (Spring, 2024), Harvard Book Award (Spring, 2023)

### **The Mountain School, Semester Program offered through Milton Academy (Spring, 2024)**

- GPA: 4.0

### **Northwestern University, McCormick School of Engineering (Fall 2025-future)**

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## ACTIVITIES AND INVOLVEMENT

- *Co-head/Creator, Peer Tutoring Program (2023-Spring 2025)*
    - Built a system to keep 15+ tutors organized, allowing for independence in scheduling
    - Recruited new student tutors and reviewed applications
    - Recruited new leaders and transferred leadership
  - *Leader, Robotics Team (Fall 2023-Winter 2024)*
  - *Facilitator, STEAM program Scrapapalooza - 2 day maker event (Fall 2023, Fall 2024)*
    - Worked with faculty/students to select theme, develop budget, create teams, and gather e-waste from school storage rooms to use for building material
    - Teams met at Goodwill with a small budget to buy items
    - Teams spent the next day assembling projects out of materials collected
    - Provided design and building guidance to teams
  - *Help manage/reorganize school makerspace (Fall 2023-Spring 2025)*
  - Cross Country (2021-2022), Ultimate Frisbee (2023), Curling (2022), Lacrosse (2025)
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## WORK

### **JCC Greater Boston**

- *Afterschool Program, Activities Leader (2022-present)*
  - Hired to create a makerspace program for elementary school-aged children
  - Led activities for up to 16 kids
- *Camp Kaleidoscope, Counselor (June-August, 2023)*
  - Facilitated makerspace activities for children ages 8-12
- *Beaver summer camp, Woodshed Assistant, Design Camps Assistant (July-August, 2024)*
  - Helped kids 5-12 make woodshop projects
  - Operated woodshop machinery to make project parts
  - Helped Go Baby Go and Adaptive Futures counselors utilize 3D printing and Arduino in activities

### **Private STEM and 3D Printing Tutor, 2021 - 2024**

- Offered private 3D printing/modeling instruction to elementary school children
- Taught basic building principles through various STEM building activities with household materials
- Facilitated two birthday parties
  - Designed and 3D printed custom electronic car kits for children to individually assemble and customize

### **Volunteered at the Newton Swap Shop, Summer, Fall 2023 (will resume spring 2024)**

- Helped with organization and collection
- Sourced up-cycled materials for personal makerspace

### **Internship with Ricirclable, summer 2024**

- Prototyped portable container check-out kiosk.
  - Interviewed and recieved feedback from current and perspective restaurants
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## SKILLS

3D Modeling (Fusion 360)  
Arduino  
Shop+Hand tool usage  
Soldering  
Circuitry  
3D printer operation

## OTHER INTERESTS

Hiking  
Ceramics  
Woodcarving  
National+Local Politics  
Ethics