

Evan Rosenblatt

SENIOR MECHANICAL
ENGINEERING STUDENT
WPI COMBAT ROBOTICS VICE PRESIDENT
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EDUCATION

Worcester Polytechnic Institute Class of 2026

2022 - Present | GPA: 3.83
Major in Mechanical Engineering
Minor in Manufacturing
Engineering

Hollis-Brookline High School Class of 2022

2018 - 2022 | GPA: 4.1
Magna Cum Laude Honors
National Honor Society

SKILLS

SolidWorks

- Certified SolidWorks Associate (CSWA)
- WPI 2024 March CADness Competition Winner

PTC Creo

- PLA & TA for Creo

Onshape

- Experience through Combat Robotics, FTC, FRC, and others

Autodesk Inventor

Autodesk Fusion 360

CNC Mill and Lathe

- HAAS Mini-Mill, TM-0P, TM1, and Super Mini-Mill
- HAAS ST-10 and ST-30

FDM and SLA 3D Printing

- PLA, TPU, Filled Nylons, and more
- Managing a public 3D printing queue for class projects and ensuring efficient operation

EXPERIENCE

Vice President

WPI Combat Robotics Club

January 2025 - Present

- Taught club members 3D modeling, machining of plastics and metals, soldering, and material science
- Organized and ran WPI's first 3lb Combat Robotics Event
- Secured a workspace and full-sized arena for club use
- Organized and ran WPI's Plastic Antweight (PLAnt) events
- Led team meetings, presentations, and design reviews
- Designed the 3lb Beetleweight robot "Blunder"
 - Ranked #8 of 437 in 2025
- Multi-time 1lb Event Winner

PLA Shredder and Extruder System

Senior Major Qualifying Project

September 2025 - Present

- Senior year capstone project creating a custom designed all-in-one 3D print recycling system
- Focused on creating consistent filament diameter output using closed loop control from off-the-shelf parts

MQP Project Lab Manager

Worcester Polytechnic Institute

January 2025 - Present

- Responsible for assisting with and organizing student projects, upkeep on 3D printers, and enforcing lab protocols

STEM Coach and Curriculum Designer

NuVu High School & MIT

July - August 2025

- Designed and ran three two-week STEM summer camp programs for middle and high school students
- Taught students CAD, 3D Printing, wood shop hand and power tools, and electronics including Arduino

Peer Learning Assistant

Worcester Polytechnic Institute

May 2024 - October 2024

- Grader and TA for ES 1310 Introduction To Computer Aided Design and ES 3323 Advanced Computer Aided Design

FIRST Tech Challenge Team Lead Mentor

October 2021 - June 2022

FIRST Robotics Competition Team Member

September 2018 - June 2022