

Adam Yanai

adam.yanai@gmail.com | (617) 515-2213 | New York, NY 10010 | adamyanai.com

EDUCATION

Boston University

B.S. in Mechanical Engineering, Minor in Computer Science

Expected May 2026

EXPERIENCE

BU Engineering Product Innovation Center

Lab Student Leader

September 2023 - Present

- Entrusted to lead and coordinate guided tours of about 20 engineering students at a time.
- Guide students with projects for advanced mechanical engineering courses and research groups.
- Planning and leading a subtractive manufacturing workshop for mechanical engineers using manual mills.

Lab Assistant

January 2023 - September 2023

- Learned to work with mills, lathes, laser cutters, 3D printers, etc., and demonstrated knowledge through manufacturing projects.
- Taught mechanical concepts and skills to students working on personal, course-related, and research-based assignments.

BU College of Engineering

Ambassador for Technology Innovation Scholars Program

September 2023 - Present

- Mentor young students in engineering-related subjects and promote importance of a 'societal engineer'.
- Teach basic mathematics, circuits, physics, and mechanics concepts.

PROJECTS

Applications of Artificial Intelligence in Creative Problem Solving

May 2023 - June 2023

- Conducted a study to test ChatGPT's creative problem-solving abilities and presented findings at the 'Life, Structure, and Cognition' conference at the Institute of Advanced Scientific Studies at the University of Paris-Saclay, France.

The GoPan

August 2022 - Present

- Prototyping a friction-based heating device capable of generating heat for outdoor cooking and decontamination.
- Testing materials to maximize conductivity and minimize abrasion using university-funded seed grants.
- Experimenting with gear ratios to achieve high RPM through an entirely manual mechanism.

ADDITIONAL SKILLS

Programming: Python, MATLAB, C, and HTML | **CAD:** Onshape, Solidworks, Unity, GibbsCAM, etc. | **Languages:** English, Hebrew, Spanish (Proficient)

AWARDS & ACTIVITIES

BU First-Year Success Office Art Commission

July 2023

- Was selected to create a large artwork for the FYS space at Boston University.

"Best Freshman" in the BU College of Engineering Portfolio Contest

April 2023

- Designed an interactive and interdisciplinary portfolio website to showcase both academic and artistic work.

LLS New England 5k Club

March 2021

- One of eight to receive this award for raising \$6,000 in support of research for leukemia, lymphoma, Hodgkin's disease and myeloma.

Secretary for the Society of Manufacturing Engineers chapter

May 2023 - Present

Treasurer for the American Society of Mechanical Engineers chapter

May 2023 - Present

Treasurer for the Global Engineering Brigades chapter

April 2023 - Present

Innovate@BU Innovation Pathway Project Lead

September 2023 - Present

Innovate@BU First-Year Innovation Fellowship

September 2022 - May 2023