

Adam Yanai

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

EDUCATION

Boston University – Boston, MA

B.S. in Computer Engineering, Concentration in Technology Innovation

Expected May 2026

EXPERIENCE

Linguana – Tel Aviv, IL

Software Engineering & Growth Intern

May 2024 - July 2024

- Implemented backend unit tests and validator functions in Go to ensure proper function.
- Optimized the user interface by adding accessibility features and debugging errors in Vue.js.
- Analyzed CPM rates and other related metrics to develop and manage an outreach campaign.

BU Engineering Product Innovation Center – Boston, MA

Lab Student Leader

September 2023 - December 2023

- Guided students with projects for advanced mechanical engineering courses and research groups.
- Led a subtractive manufacturing workshop for 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.

PROJECTS

InView.ai - Face Detection Web App

March 2024 - May 2024

- Developed a web app by utilizing the OpenCV library and Flask framework for a Python script.
- Designed the user interface using HTML, CSS, and JS.

Room Occupancy Monitor

January 2024 - May 2024

- Designed and developed a room occupancy tracking device through CAD modeling, 3D printing, circuit planning, soldering, and C++ programming.
- Was voted a stand-out project and selected to be displayed in the BU Engineering building.

Computerized Truss Analysis

November 2023

- Created MATLAB script to analyze the internal forces of a truss design and predict production costs based on the members and applied loads.

Applications of Artificial Intelligence in Creative Problem Solving

May 2023 - June 2023

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

ADDITIONAL SKILLS

Programming: Python, MATLAB, C/C++, HTML, CSS, and JS | **Design:** Onshape, Solidworks, Unity, Adobe Cloud, etc. | **Languages:** English, Hebrew

AWARDS & ACTIVITIES

BU FYS Office Art Commission

July 2023

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

April 2023

LLS New England Fundraising 5k Club

March 2021

TAMID Group at BU – Technical Consulting

January 2024 - Present

Global Engineering Brigades at BU – President (Ex. Outreach, Treasurer)

April 2023 - Present

Technology Innovation Scholars Program at BU College of Engineering – Ambassador

September 2023 - May 2024

Innovate@BU First-Year Innovation Fellowship

September 2022 - May 2023