

# Adam Yanai

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## 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