

# Adam Yanai

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## EDUCATION

**Boston University** – Boston, MA

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

Expected May 2026

## EXPERIENCE

**BU College of Engineering** – Boston, MA

*Teaching Assistant: ENG EK 210, Introduction to Engineering Design*

September 2024 - Present

- Taught course material to a class of 30+ students through in-class work and office hours, as well as graded assignments.

**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 YouTube-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.

**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

TAMID Group at BU – Technical Consulting

January 2024 - Present

Global Engineering Brigades at BU – Chapter Leader (President)

January 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