

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: Introduction to Engineering Design

September 2024 - December 2024

- Helped teach course material covering various engineering concepts to a class of 30+ students through in-class work and office hours.
- Graded and reviewed assignments involving C++ programming, circuit planning, product design, and more.

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 Suite, etc. | **Languages:** English, Hebrew

ACTIVITIES

Chapter President (Past Treasurer, Outreach Chair) – Global Engineering Brigades at BU

January 2023 - Present

Technical Consultant – TAMID Group at BU

January 2024 - December 2024

Ambassador – BU College of Engineering Technology Innovation Scholars Program

September 2023 - May 2024

Athlete – BU Club Snowboarding Team

2023 – 2024 Season

First-Year Innovation Fellow – Innovate@BU

September 2022 - May 2023