Adam Yanai

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

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 Suite, 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 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