Adam Yanai

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EDUCATION

Boston University – Boston, MA

B.S. in Computer Engineering, Concentration in Technology Innovation <div align="right">Expected May 2026</div>

EXPERIENCE

Linguana – Tel Aviv, IL

Software Engineering Intern <div align="right">Expected May 2024</div>

BU Engineering Product Innovation Center – Boston, MA

Lab Student Leader <div align="right">September 2023 - December 2023</div>

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

Lab Assistant <div align="right">January 2023 - September 2023</div>

- 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 <div align="right">March 2024 - May 2024</div>

- Developed a web app by implementing a Python script using the OpenCV library and Flask, as well as designing a UI with HTML, CSS, and JS.

Room Occupancy Monitor <div align="right">January 2024 - May 2024</div>

- 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 <div align="right">November 2023</div>

- 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 <div align="right">May 2023 - June 2023</div>

- 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 First-Year Success Office Art Commission <div align="right">July 2023</div>

- Selected to create a large artwork for the FYS space at Boston University.

"Best Freshman" in the BU College of Engineering Portfolio Contest <div align="right">April 2023</div>

- Developed an interactive and interdisciplinary portfolio website to showcase academic and artistic work.

LLS New England 5k Club <div align="right">March 2021</div>

- One of eight to receive this award for raising $6,000 in support of research for leukemia, lymphoma, Hodgkin's disease, and myeloma.

TAMID Group at BU – Technical Consulting <div align="right">January 2024 – Present</div>

Global Engineering Brigades at BU – President <div align="right">April 2023 - Present</div>

Technology Innovation Scholars Program at BU College of Engineering – Ambassador <div align="right">September 2023 – May 2024</div>

Innovate@BU First-Year Innovation Fellowship <div align="right">September 2022 - May 2023</div>