BENJAMIN LEVY

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EDUCATION

Worcester Polytechnic Institute (WPI), Worcester, MA   Expected May 2026
Bachelor of Science in Interactive Media & Game Development (IMGD) and Bachelor of Science in
Computer Science (CS) | GPA: 3.72/4.00

TECHNICAL SKILLS

Scripting/Programming Languages: HTML, CSS, Blueprints, JavaScript, C++, Typescript, SQL, C#,
C, Java, Assembly, Racket

Libraries & Frameworks: React, Node.js, Next.js

Engines: Unreal, Unity, Dragonfly, Godot

Tools:, Jira, WebGL, Amazon Web Services, Git, SolidWorks, Autodesk Maya, Zbrush, MATLAB

WORK EXPERIENCE

Peer Learning Assistant, *Storytelling in Games (IMGD 1002)*, WPI   March 2024 – May 2025
- Assisted with lecture material and activities in introductory IMGD undergraduate course.
- Contributed discussion topics, organized group activities, and advised student work to ensure effective teaching and assistance.
- Ensured successful launch of two on-campus Alternate Reality Games (ARG) serving as final project for students.

PROJECTS

Travelling With Taste, WPI   March 2025 – May 2025
- Collaborated with a team of 7 students to create an Unreal Engine-based stealth video game.
- Led NPC AI design and implementation, implemented UI features, and designed game mechanics.
- Final game was featured at PAX East and yearly IMGD project showcase.

Dragonfly Engine Replication, WPI   January 2025 – March 2025
- Replicated Dragonfly game engine from scratch in C++ using SFML.
- Programmed object-oriented engine logic, generated graphics, and implemented audio support to make the resulting engine feature-full, flexible, and intuitive.
- Created a game with 1 other student in final engine.

Tables4u, WPI   October 2024 – December 2024
- Managed team of 4 students to create a website that reserves tables at restaurants.
- Led database development, programmed frontend and backend, and assisted in website design.
- Organized weekly development sprints and standardized coding procedures to meet deadlines and design efficient, expandable software.
- Final website functionality included in-depth reservation system with consumer and management accounts, restaurant search system, and time slot bookings.

AWARDS

Outstanding Junior Award, WPI   May 2025
Dean's List, WPI   May 2023, December 2023, December 2024, May 2025