

# 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

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## TECHNICAL SKILLS

**Programming Techniques:** Scrum Development, State Machine Development, Computer Graphics, Software Development, Database Management, Operating Systems, Algorithms, Object-Oriented Design

**Scripting/Programming Languages:** HTML, CSS, JavaScript, C++, Typescript, SQL, C#, C, Java

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

**Engines:** Unreal, Unity, Dragonfly, Godot

**Tools:** Jira, WebGL, Amazon Web Services, Git, SolidWorks, Autodesk Maya, Zbrush, Microsoft Office

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## 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.
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## 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 implementation, created player detection UI, and built post-processing shaders.
- Utilized behavior trees and engine-based perception systems to design modular & efficient AI systems.
- Final game was featured at PAX East and yearly IMGD project showcase.

**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.
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## LEADERSHIP AND ACTIVITIES

**Member**, *International Game Developers Association*, WPI August 2023 – Present

**President**, *Video Game Club*, WPI January 2025 – December 2025

**IMGD Student Representative**, *Arts & Sciences Advisory Council*, WPI August 2024 – May 2025

**Mentor**, *International Game Developers Association*, WPI August 2024 – May 2025

**Student Steering Representative**, *IMGD Program*, WPI March 2024 – March 2025

**Vice President**, *Video Game Club*, WPI January 2024 – December 2024