WESLEY M. HEAPS

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Technical Skills

- **Languages:** C, C++, Python, Lua, HTML
- **Tools & Platforms:** Roblox Studio, Git/GitHub, Azure, Claude CLI (Integrating into Roblox Studio, Building Skills, Creating the Environment), Unity
- **Concepts:** Object-Oriented Programming, Client-Server Architecture, UI/UX Design, Data Analysis

Projects

Perception Demo | Independent Game Developer

- Designed, programmed, and published a full-stack solo project experience with Roblox Studio and grew the game to **1,000,000+ total plays**.
- Managed the backend data storage and the frontend UI design for both mobile and PC.

Dice RNG | Co-Developer & Programmer

- Coded and launched a multiplayer Roblox experience with Lua with another developer and scaled the game to over **1,300,000+ total plays**.
- Shared responsibilities, troubleshooted, and optimized server-side scripts to handle high concurrent player traffic.

Certifications & Awards

Technical: Microsoft Azure AI Cloud Developer Associate (AI-200) • Microsoft Azure Fundamentals (AZ-900) • Data Analyst • Python • HTML & CSS

Design & Engine: Unity Certified User: Artist • User Interface Designer

Awards: Computer Problem Solving (2nd Place, District Competition)

Experience

SMART SOCKET | Owner **December 2022 - Present**

- Analyzed player spending behaviors and in-game economy data to adapt monetization strategies, successfully driving increased revenue and user conversion.
- Directed the end-to-end development lifecycle, establishing a consistent release schedule for continuous content updates, feature rollouts, and patches.
- Executed targeted multi-channel marketing campaigns on the Roblox platform and YouTube, driving organic user acquisition totaling over 3,000,000 visits.

MATHNASIUM | Math Tutor **August 2023 - Present**

- Instruct groups of up to 4 students in core mathematical concepts, breaking down complex topics into accessible, step-by-step lessons.
- Manage time and attention effectively across multiple concurrent students, providing individualized support adapted to diverse learning styles.
- Evaluate student progress and report performance metrics to center leadership to ensure continuous academic growth.

STEM SEEDS ACADEMY | Roblox Development Mentor & Developer **August 2025 - Present**

- Provide weekly one-on-one mentorship in full-stack game development, teaching core programming fundamentals and object-oriented concepts using Lua.
- Instruct Students on client-server architecture by guiding the development of interactive user interfaces (LocalScripts) and secure backend logic (ServerScripts).
- Demonstrate fundamental database management by teaching the implementation of DataStores for persistent player data retention.

Education

UNIVERSITY OF SOUTH FLORIDA | Tampa, Florida | Bachelor of Computer Science **Expected May 2028**

UNIVERSITY OF TEXAS | UT Computer Science Academy for Game Development **Summer 2023**