Tommy Roberts - Unity Developer

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HARD SKILLS

Unity, Version Control, Object Oriented Programming, Linear Algebra, C#, .NET, C++, Java, Jira, Gimp, Blender, UI/UX

PROFESSIONAL EXPERIENCE

Aliens Aboard - 48 hours, February 2025

Lead developer, partner game jam   *Made in Unity*

- Coded an infinite runner where the player repeatedly runs into locked doors, and completes small tasks to progress further
- Started using tweening techniques to animate menus and UI, so they feel better to use

Carp Souls - 1 month, March 2024

Lead Programmer, team of 9   *Made in Unity*

- Learned how to apply 3D rigged models, and use animation rigging tools to make it look more believable.
- Coded a bullet projectile system that let designers create different enemy bullet patterns

Cheese Chase - 1 month, March 2024

Lead Programmer, team of 9   *Made in Unity*

- Coded a system to procedurally generate terrain endlessly with obstacles and hazards.
- Coded the grapple/slingshot system, and polished the game with a few visual effects.

Devil Defier - 1 week, November 2024

Sole developer for game jam   *Made in Unity*

- Finished in one week, mostly independently. First full use of the SDLC to plan the project.
- Created some cool shaders and techniques to make the game really feel like an 80s arcade game.

EDUCATION

Bradley University   Anticipated Graduation - May 2025

B.S. Game Design, Minor Computer Science & Information Systems   *Peoria,IL*

Work Experience

Park Ridge Park District   December 2017 - Present

Pool Manager   *Park Ridge, IL*

- Trained and supervised a staff of over 150 lifeguards during the summer season
- Created and maintained the work schedule for staff biweekly
- Assisted in the development and implementation of pool programming and special events
- Ensured the smooth and efficient operation of the pool, including maintenance of safety standards, facility cleanliness, and customer service

Dac's Smokehouse   October 2022 - February 2023

Front of House Server   *Peoria, IL*

- Provided customers with menus and answered questions about menu items
- Took orders for food and beverages and delivered orders to guests in a timely manner
- Processed cash and credit card payments