

Robert Ferrell

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EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

May 2025

Batchelor of Science - Computer Science – Software Engineering

GPA 3.725

Related Coursework: Linear Algebra, Systems Programming, Discrete Structures, Advanced Data Structures

EXPERIENCE

Student Assistant

August 2022 – March 2023

Louisiana State University, Baton Rouge, Louisiana

- Distributed proper documents under proper legal guidelines.
- Assisted with data aggregation and entry.

SKILLS

Languages: Java, C#, HTML, CSS, JavaScript, Python

Tools: React, Git/GitHub, Unity

Design Tools: Figma

PROJECTS

Rooted In Math

- Led a team of three in the development of "Rooted in Math," a Unity 2D math-based puzzle game.
- Overcame tight time constraints, delivering the game within 38 hours, and secured first place in a contest.
- Introduced a random equation generation system enhancing replayability, and player engagement.
- Created an algorithm that verifies the many possible solutions to the puzzles that the game may generate.

Torchlight Tango

- Designed and developed "Torchlight Tango," a Unity 2D platformer/puzzler, focusing on level design and incorporating online multiplayer features.
- Collaborated with a team of three to complete the project within a three-month timeframe, overcoming challenges posed by Unity Net code and Unity Relay for seamless online multiplayer functionality.
- Achieved first place in a game jam competition, showcasing the game's innovative gameplay and successful implementation of online multiplayer features.

ACHIVEMENTS

WICS/SSL Hackathon - First Place Winner

April 2023

GDC Summer Game Jam – First Place Winner

May 2023 – August 2023

EXTRACURRICULARS

Google Developer Student Club – Historian

August 2023 - Present

- Document all gatherings related to GDSC, increasing the voice and reach of the club, allowing more opportunities for recruitment.
- Increased member engagement/retention immensely by promoting a comfortable social environment that encourages engagement.

Game Development Club – Member

March 2023 – Present

- Participated in workshops pertaining to game creation and development, including topics around Unity and the development cycle.
- Participated in and won a summer game jam hosted by the club.