

REED GUNN

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EDUCATION

Northwestern University

Bachelor of Science, Computer Science, GPA: 3.50/4.00

Evanston, IL

Sep 2023 - Jun 2027

SKILLS

Languages: Python, Java, C, C++, C#, HTML, MATLAB

Technologies: Git, GitHub

EXPERIENCE

Code Galaxy

Computer Science Instructor

Remote

Jun 2024 - Present

- Taught fundamentals of computer science to kids in a virtual classroom through projects in Scratch and Minecraft Education

Andrews Academy

STEM Camp Counselor

St. Louis, MO

Jun 2023 - Aug 2023

- Worked with another counselor to plan and conduct engineering and math-themed projects for kids

PROJECTS

Worble

- Developed a customizable Wordle replica using Unity, allowing users to play with words ranging from 2 to 15 letters
- Enhanced user experience by providing adjustable word length options, catering to various skill levels and preferences

Sleep Schedule Generator

- Developed sleep optimization app using Unity, integrating National Sleep Foundation study to calculate optimal sleep schedule
- Implemented algorithm to provide personalized sleep recommendations based on user's age, wake-up time, and time to fall asleep
- Created a transparency feature allowing users to view the methodology and sources behind the algorithm

Ping

- Created a classic Pong replica using Unity, featuring three difficulty levels with varying paddle sizes, ball sizes, and ball speeds.
- Implemented realistic physics, including friction effects and a competitive AI opponent, to enhance gameplay experience.
- Designed smooth score updates and a win/lose scene