REED GUNN

Evanston, IL 60201 | (314) 230-5829 | reedgunn2027@u.northwestern.edu | https://reedgunn.github.io/

EDUCATION

Northwestern University **Evanston, IL**
Bachelor of Science, Computer Science, GPA: 3.50/4.00 *Sep 2023 - Jun 2027*

SKILLS

Languages: Python, Java, C, C++, C#, HTML, MATLAB
Technologies: Git, GitHub

EXPERIENCE

Code Galaxy **Remote**
Computer Science Instructor *Jun 2024 - Present*
- Taught fundamentals of computer science to kids in a virtual classroom through projects in Scratch and Minecraft Education

Andrews Academy **St. Louis, MO**
STEM Camp Counselor *Jun 2023 - Aug 2023*
- Worked with another counselor to plan and conduct engineering and math-themed projects for kids

PROJECTS

Sleep Schedule Generator App
- Created a sleep app to calculate optimal bedtime using user input and National Sleep Foundation guidelines
- Utilized user data (birthday, time to fall asleep, desired wake-up time) to estimate sleep needs to the nearest five minutes
- Included a "look behind the scenes" page for users to view the methodology and sources behind the algorithm

Pong Game App
- Developed a Pong replica using Unity and C# with three difficulty levels, each adjusting paddle size, ball size, and speed
- Implemented real-time gameplay with user-controlled paddles and an AI opponent with adjustable skill levels
- Integrated dynamic collision physics and a scoring system, culminating in an end-game scene with options to replay or exit