# Sarah Rose Wille

srwille@andrew.cmu.edu | (781) 698-8369 | Pittsburgh, PA
Portfolio Website: https://sites.google.com/view/sarahroseportfolio/home
LinkedIn: https://www.linkedin.com/in/sarah-wille-71a1481b3/

## EDUCATION

**Carnegie Mellon University**                                                                 Pittsburgh, PA
*Master of Entertainment Technology*                                                  Expected May 2025

**William & Mary**                                                                                    Williamsburg, VA
*Bachelor of Science*                                                                                           May 2023
Major in Computer Science, Minor in Mathematics
Studied Abroad in Florence, Italy Spring 2022

## COMPUTER SKILLS

Programming languages: Java, Python, C++, C, C#,  LaTeX, R, Javascript, Typescript
Operating systems: Mac, Linux, Android
Software:
- Adobe: Premiere Pro, Audition, Animate, Photoshop, Illustrator
- Autodesk: Fusion 360, Maya
- Other: Ableton Live, Logic Pro, Unity

Active participant in GitHub

## PROJECTS

Building Virtual World Projects                                                                       Fall 2023
- Programmer for four games made in Unity with each project lasting up to two weeks
- Implemented mechanics and game features as well as contributed to the planning, designing, and testing of the games using various platforms (VR/AR headsets, vive trackers, and DDR pads)
- 4 different 5 person group consisting of two programmers, two artists, and one sound designer

Coding Assistant                                                                                            Fall 2022
- VSCode extension using Large Language Models and Transformers to implement code features
- Worked on documentation (created diagrams, did issue tracking and readme updates using Github), researched (models to use, vscode marketplace, new features), tested (unit testing and debugging), refactored code base
- Version is published to VSCode Marketplace with the code auto-completion and auto-generated git commit message features: VSCode Marketplace link
- 5 person group project from Software Engineering class using the scrum project management system

Flashcard Alphabet Learning App                                                              Fall 2022
- Developed an Android app that helps to teach users the Korean, Russian, and Hindi alphabets
- 4 person group project from Mobile Application Security class

Animation Short Film                                                                             Spring 2022
- Produced full animation (including creating characters, storyboards, editing) and composed accompanying music
- "Broken Stars" animation link

Cognition Experiment Automation                                                           Spring 2021
- Helped code cognitive experiment task and data coding/processing for William & Mary Cognition Lab

## ACTIVITIES

Climbing Club - Trip Aide, William & Mary, January 2021 - May 2021
- Learned skills to lead club excursions, including planning, organizing, and technical climbing skills