Alexandra Scharpf

216-973-2585 • ascharpf@andrew.cmu.edu

Education

Carnegie Mellon University — Pittsburg, PA — 2028
Bachelor of Science in Information Systems
GPA: 4.0
Relevant classes taken or enrolled: Fundamentals of Programming and Computer Science, Concepts of Math, Calculus in 3D, Intro to Microeconomics, Information Systems Milieux

Chagrin Falls High School — Chagrin Falls, OH — 2024
Appointed Summa Cum Laude
GPA: 4.53/4.0

Experience

Swim Instructor — Chagrin Falls, OH — Summer 2023 and 2024
Chagrin Falls Recreation Center
- Taught over 20 kids proper swimming technique and water safety skills
- Collaborated with other swim instructors to create engaging lesson plans regarding swim safety and technique
- Managed the swim lessons and communicated with parents about their children's progress

University Projects

15-112 Fundamentals of Programming and Computer Science Term Project — Fall 2024
- Spent over 25 hours designing and creating a version of the popular game, Wordscapes. For this project, I utilized recursive backtracking and object oriented programming.
- Technologies Used: Python and CMU Graphics for designing the user interface

Activities

Carnegie Mellon University Women's Varsity Swim and Dive Team — 2024-2025
- I am an active member investing 15-20 hours a week for training and competing.

Women in Information Systems — 2024-2025
- I attend meetings aimed to support and inspire others about opportunities in Information Systems.

Emerging Leaders — 2025
- I was accepted into this program sponsored by CMU for the Spring Semester. In this program I will work on an impact project for a local Pittsburgh non-profit with my team and am expected to work on it at least five hours a week.

Additional

Technical Skills: Python, Java, UI/Graphic Design, Customer Service