

Xirui Ren

Pittsburgh, PA | [GitHub](#) | [LinkedIn](#) | (405) 886-2499 | xiruiren742@gmail.com

EDUCATION

University of Pittsburgh, Pittsburgh, PA

Expected Graduation April 2026

Bachelor of Science in Computer Science

GPA: 3.80

Relevant Coursework:

Programming in Python, Algorithm and Data Structure, Computer Organization and Assembly Language, Introduction to Systems Software, Formal Methods in Computer Science, Calculus, Introduction to Matrices and Linear Algebra

SKILLS (OR TECHNICAL SKILLS)

- Proficient in Python, C, Java
 - Fluent in English and Mandarin Chinese
 - Microsoft Word, PowerPoint, Excel, Teams
-

EXPERIENCE

University of Pittsburgh, Computer Science Department, Pittsburgh, PA

August 2023-Current

Intermedia Programming Undergrad Teaching Assistant

- Supplied support during weekly office hours to assist over 45 students enrolled in Intermedia Programming.
 - Acted as a teaching assistant and lab instructor for Intermedia Java course and optimization labs for 40 students and worked with students to debug code.
 - Learned to translate intricate Java and algorithm concepts into clear and concise explanations for audiences unfamiliar with respective knowledge base.
 - Collaborated with the instructor to discuss completed work and plan for the upcoming week's lab for over 40 students.
-

ACTIVITIES/LEADERSHIP

The Pitt Challenge 2022 Hackathon, Pittsburgh, PA

October, 2022

- Collaborated with a team of four to propose a health application designed to help patients understand and keep track of medical conditions.
- Created a visual mockup by using HTML and CSS. Added additional features to enhance user experience and a better demonstration.

The Pitt Challenge 2023 Hackathon, Pittsburgh, PA

September, 2023

- Competed in a team of four to develop an application to monitor burnout levels and provide rescheduling and resting recommendations.
 - Delivered a focused and visually organized PowerPoint presentation, emphasizing the importance of clear and concise communication to engage the audience.
-

AWARDS EARNED

- The Pitt Challenge 2022, Lifestyle as Medicine
- Oklahoma BPA C++ Competition, 3rd place.
- NCWIT WI 2022 Aspirations Award, Honorable Mention
- School of Computing and Information Dean's List