

PAYTON SHAFER

PAYTONSHAFFER@GMAIL.COM | (585) 281-7640 | WWW.LINKEDIN.COM/IN/SHAFFERPR

EDUCATION

Clarkson University, Potsdam, NY

Expected May 2024

Bachelor of Science

Double Major: Computer Science and Mathematics

GPA: 3.65; Presidential Scholar 2021-2022; Dean's List 2020

RELEVANT EXPERIENCE

Clarkson University, Potsdam, NY

January 2022 – Present

Calculus/Differential Equations Teacher Assistant

- Facilitate weekly class discussions to class, supporting students with questions on coursework
- Administer and grade weekly quizzes in the discussion class of up to 30 students
- Responsible for maintaining confidentiality of students

Clarkson Open Source Institute's Mirror

September 2022 – Present

- Maintain and enhance the monolithic software for the mirror
- This site is a public repository of free and open source software located at mirror.clarkson.edu

TECHNICAL SKILLS

Software Development: Microsoft Suite, Python, Go, C/C++, Java, R, SQL, HTML/CSS, Haskell, Algorithm design

Problem solving: Clear organization of ideas, Analytical skills, Attentive and adaptive, Embraces teamwork, Ambitious

Leadership: Time management skills, Ability to teach and learn, Communication skills, Flexibility and patience

WORK EXPERIENCE

West Irondequoit Central School District, Rochester, NY

December 2020 – Present

Substitute Teacher

- Taught primarily kindergarten through sixth grade in classrooms of 20-25 students
- Responsible for ensuring the continuity of instruction for one to five days
- Support students receiving special education services

Grounds Maintenance Worker

June 2021 – August 2021

- Maintained the grounds on properties throughout the district
- Performed a variety of tasks each day, varying from cutting grass, cleaning up campus, and setting up classrooms
- Responsible for school district's campus readiness for the upcoming school year

Lifeguard

October 2019 – January 2021

- Ensured safety for swim teams, open lap swim, swim classes and lessons
- Facilitated group events with more than 50 participants
- Trained in CPR, first aid, and lifeguarding to ensure safety and security for patrons

Rochester Yacht Club, Rochester, NY

April 2018 – December 2018

Service Staff

- Greeted and catered for high end clientele
- Organized and facilitated parties and events of sizes ranging from 25 to 150 people
- Responsible for the satisfaction of all customers who come to the restaurant

EXTRACURRICULARS

Member of Clarkson Open Source Institute (COSI), Potsdam, NY

August 2022 – Present

- Work a minimum of 3 hours per week on projects and 10 volunteer hours in the lab per semester
- Actively learning and teaching knowledge on specific topics related to computing and software development

VOLUNTEER EXPERIENCE

Member/Youth Leader of Asbury First United Methodist Church, Rochester, NY

August 2014 – June 2020

- Participated and organized weekly meetings throughout the year
- Volunteered at local shelters, food banks, and week-long mission trips