

Alexander Trokel

(917)565-0430 • www.alextrokel.com • alextrokel@gmail.com

EDUCATION

University of Rochester

Bachelor of Science, Computer Science.

- GPA 3.35 out of 4.00

Rochester, NY

Graduated May 2023

SELECTED PROJECTS

University of Rochester

Computer Networks Course

- **Rock Paper Scissors:** made a command-line server & client program that can play rock paper scissors
- **Reliable Data Transfer (RDT):** implemented the sending and receiving side of the RDT protocol

Rochester, NY

Fall 2021

University of Rochester

Artificial Intelligence Course

- **Connect Four:** developed an agent that plays connect four using algorithms to find optimal moves
- **Linear Classifiers:** implemented a linear classifier that takes in a set of data and develops a classifier

Rochester, NY

Spring 2022

TEACHING EXPERIENCE

Computer Networks Course

Teaching Assistant

- Provided weekly office hours, and tutoring, resulting in increased student proficiency in course material
- Using university software (Blackboard), graded homework, projects and exams
- Created creative curriculum to assist professor in providing innovative assignments

University of Rochester

Fall 2022

Data Structures and Algorithms Course

Teaching Assistant

- Held office hours twice a week to assist students with the course material
- Coordinated with instructor and fellow TAs to ensure fair and efficient grading of projects and exams

University of Rochester

Spring 2022

CAMPUS LEADERSHIP ACTIVITIES

University of Rochester, Sigma Nu

President

- Managed Rochester Chapter, providing organization, direction and strategy, utilized Robert's Rules of Order
- Provided project management to fraternity operations and board members
- Coordinated with University of Rochester and national organization to ensure standards compliance
- Created, organized and managed fundraising and campus events, leading to increased member participation
- Directed Sigma Nu's LEAD program, campus leadership program

Rochester, NY

February 2021 – January 2022

University of Rochester, Sailing Club

Vice Commodore, Business Manager

- Attended weekly meetings to help direct the future of the club
- Organized events in coordination with university administration including securing funding

Rochester, NY

January 2021 – December 2022

WORK EXPERIENCE

Camp Mah-Kee-Nac

Camp Counselor, Sailing Director, Lifeguard

- Supervised bunk of campers and guided them to their selection of daily activities
- Taught Sailing to campers aged 9 to 16, supervised lakefront and pool as a certified lifeguard
- Participated in parent-camper conferences providing individualized camper feedback

Lenox, MA

Summer 2017 – Summer 2019

SKILLS

- Coding Languages: Java, Python, C, HTML, CSS, Swift, R
- Computers: Software/Hardware, installation, troubleshooting, training