

Education

University at Buffalo, The State University of New York	Class of 2022
<ul style="list-style-type: none">B.S Computer Science, B.A Math3.96 GPA, Dean's List, Advanced Honors Scholar	

Projects

Pong	2018
<ul style="list-style-type: none">Made a GUI Pong game in Python as a fun personal project.	
Memory Allocator	2019
<ul style="list-style-type: none">Implemented malloc, calloc, free and realloc API using an explicit free list with low external fragmentation. Ran system calls and various apps with it. Made in C.	
Inclusive Autonomous Vehicle Design	2020
<ul style="list-style-type: none">Won the honorable mention of Summer 2020 UB's Autonomous Vehicle Challenge for designing an automatic passenger securement system which uses a railing for seatbelt and wheelchair securement.	

Work Experience

CSE Teaching Assistant	2019 – current
<ul style="list-style-type: none">Helping students succeed academically as a student leader. Collaborating with other TAs to achieve the learning outcomes for CSE115/116.	
Research Assistant–Full Stack Web Developer	2020 – current
<ul style="list-style-type: none">Building UI using web technologies and Python for researchers to help visualize data.	
UBIT Web Assistant	2019 – 2020
<ul style="list-style-type: none">Web design and animations, front end, persistent storage, server, web back end. In PHP, MySQL, JS, HTML and CSS. Experience working with CMS and shell.	
Intern at STC Sound Control	2018
<ul style="list-style-type: none">Designed the company's landing page using web technologies such as WordPress, HTML, JavaScript and CSS.	

Leadership and Extra Curricular Experience

Academic Integrity Adjudication Member	2019 – current
<ul style="list-style-type: none">Jury of academic integrity hearings to help out with ruling of AI cases	
Student Advisory Board of CSE Department – Vice Chair	2019 – current
<ul style="list-style-type: none">Lead events for CSE dept. Represent students during CSE faculty meetings.	
Research Assistant for Dr. Wen Yao Xu	2018
<ul style="list-style-type: none">Authored "A Review of 3D Printing Research from Computer and Information Science Perspective: Challenges and Research Directions". Accepted to IEEE UEMCON2019.	
Carnegie Mellon University, Summer School	2020
<ul style="list-style-type: none">Attended summer school 2020 in Logic: Philosophy and Epistemology	
Founding President of UB Manga Club	2020
<ul style="list-style-type: none">Got the club recognized officially by the university, manage and lead meetings	
Women in Science and Engineering Ambassador	2020
<ul style="list-style-type: none">Be a representative of the CSE department, help and organize events for students in STEM	

Achievements

UB Grace Capen Scholar of Outstanding Academic Excellence	2020
Microsoft Student Partner	2019 – current
Volunteer work at Gloria J. Community Center, Synergy Street and Buffalo Botanical Gardens	2018, 2019

Skills

C, Python, Scala, Java, JavaScript, Adobe suite, SQL database, Data visualization frameworks