

ANDY ZHOU

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EDUCATION

Bachelor of Science, Computer Science, Expected August 2024

University at Buffalo, The State University of New York

GPA: 3.9/4.0

Relevant course work

- Intro to VLSI
- Algorithm Analysis and Design
- Web Apps

Achievements: 3 time recipient of Dean's List at Buffalo State University, and 2 time recipient at University at Buffalo

SKILLS

Programming Language: C/C++ (Intermediate), Python (Intermediate), Scala (Basic)

Language: English (Native), Chinese (Native)

Other Skills: Critical thinking, Creativity, Art

EXPERIENCE

Dishwasher, Dos Toros, New York, NY, June 2022 - August 2022

- Evaluated store cleanliness and condition daily to ensure it is up to code
- Assessed what tasks need to be prioritized and split worktime accordingly
- Communicated with 2-4 team members to clean up the store within 30 minutes during closing hour

Volunteer Tutor, Buffalo State University, Buffalo, NY, October 2021 - December 2021

- Volunteered to help other students understand complex Computer Science topics
- Tutored 3 students on computer organization and C++ multiple times a week
- Improved grades of one student from failing the first exam to scoring 93 on the final exam

Cashier/Front desk, All Season Body Work, New York, NY, July 2018 - January 2019

- Managed spreadsheets to calculate revenue and evenly allocated customers to approximately 20 masseuses
- Reviewed list of appointments daily and informed customers of upcoming appointments to ensure appointments are still relevant

PROJECTS

4-way Traffic Light Controller Chip (VLSI Class), September 2023 - December 2023

- Designed a 4-way Traffic Light Controller (with a traffic sensor to dynamically change the duration of the green light) with a team of 4
- Utilized Cadence Virtuoso to create the layout for one of the two finite state machines
- Collaborated with another team member to redesign the Traffic Light Controller

Coding League (Club), October 2018 - February 2019

- Managed a team of four people to program a competitive 2D mini game
- Allocated tasks to team members and discussed weekly expectations
- Facilitated weekly meetings with teammates to discuss the project's direction
- Held teammates accountable for progress and weekly attendance

INTERESTS

- Technology - keeping up with new technology, especially computer hardware
- Philosophy - often think about philosophical questions such as: are people truly good, or lucky enough to not become evil
- Personal finance - investing, retirement planning, credit scores