

# Michael Zhu

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## Education

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*The Ohio State University* *Columbus, OH*  
B.S Computer Science and Engineering *August 2019 – Present*

- Expected graduation: May 2023
- GPA: 4.0/4.0

## Experience

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*Amazon* *Santa Clara, CA*  
Software Development Engineer Intern *May 2021 – July 2021*

- Modified resolution of Alexa commute settings, and updated their storage format to associate with Alexa profiles and increase personalization
- Defined creation of new Alexa prompts and add unique multi-turn interaction to facilitate discovery of new Alexa Transit feature
- Regularly communicated with team members to keep track of project progress and review design, implementation, deployment and transition of solution
- Solution in production can potentially affect up to 200,000 daily active users
- Extended metric tracking to quantify specific effect of new changes in the future

*The Ohio State University* *Columbus, OH*  
Undergraduate Grader *August 2020 – Present*

- Graded and provided feedback on assignments involving discrete math, C programming and algorithms for roughly 50 students each semester
- Regularly communicated with instructor to define grading standards and clarify ambiguity
- Held weekly office hours to assist with homework and projects

Computer Science Peer Mentor *August 2020 – December 2020*

- Provided support with transition to college for 11 new computer science students
- Coordinated with advisors and other mentors to revise helpful advising documents
- Held weekly office hours to answer student questions

## Activities

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*Reddit Moderation Helper* *January 2021 – Present*

- Automated select administrative tasks in a community with over 850,000 members
- Processed and transcribed text posts, working with other moderators to determine specific requirements and metrics to track
- Interfaced with database while monitoring subreddit, and informed subscribers of monthly trends, decreasing manual moderator workload by roughly 10%
- Used process manager and error handling to achieve 99.99% uptime and post coverage
- Transcribed over 40,000 posts, and transcriptions have been accessed over 1,100,000 times

*Beta Theta Pi Fraternity* *January 2020 – Present*

- Provided support with personal and academic growth to younger members
- Planned multiple events weekly for and spent regular 1:1 time with 15-30 new members each semester, ensuring social cohesion within the organization
- Elected to represent 29 new members in communication with the chapter, as well as independently organize weekly small groups during the member education process

## Skills

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*Java, C, Node.js, JavaScript, SQL, HTML, CSS, Ruby, Python*