Yue Zhang

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EDUCATION
The Ohio State University   Columbus, Ohio
- Bachelor of Science in Computer Science Engineering, Expected Graduation: May, 2021
- Current GPA: 3.947 (4.00 scale)
- Honor: Dean's List

SKILLS
- **Technologies:** Java, HTML, CSS, JavaScript, C/C++, C#, Python, MATLAB, PHP, Unity3D, SQL, Ruby on Rails, Angular JS, Git, Linux
- **Knowledge:** Data Structure and Algorithms, Software Development and Design, Computer Vision, Data Mining, Web Front-End & Back-End, Low-level programming, Database, Formal Proof Writing.
- **Language:** English, Chinese (Mandarin)

RELATED EXPERIENCE
Computer Science and Engineering Department at The Ohio State University   Columbus, Ohio
Undergraduate Research Assistant   2019.9 - Present
- Analyze representative deep learning frameworks with their contributions to selected CPU configurations.
- Use Python to develop test program to analyze the trend of results.

School of Communication at The Ohio State University   Columbus, Ohio
Student Web Developer   2019.8 - Present
- Develop and maintain website by using web front-end framework (Angular JS) and PHP
- Use SQL to develop and maintain lab database.

Speech and Hearing Science Department at The Ohio State University   Columbus, Ohio
Student Software Developer   2019.1 - Present
- Use the Unity platform and C# to develop a rhythm training application for chronic aphasia patients that is being used at the speech and hearing science department research lab
- Combine computer science technology with neuroscience to provide speech/language recovery following rhythm-based therapy.
- Develop and maintain the lab website by using Web Front-End Technology.

Computer Science and Engineering Department at The Ohio State University   Columbus, Ohio
Undergraduate Teaching Assistant and Grader   2019.1 - Present
- Perform academic tutoring for students with software and system projects during weekly lab and office hours
- Grade student Java, C, and X86 Assembly language projects, homework, and closed lab.

Code 4 Community at The Ohio State University   Columbus, Ohio
Web Front-End Team Member   2018.8 – 2019.8
- Work in the Web Front-End team to build a website for helping teens with mental health issues.
- Collaborate with a division of club to work for login page and administrative page.

PROJECTS
Best States for Job Seekers Project
2018 ASA DataFest
- Used Python to analyze data from Indeed.com that affect job seekers' working preferences.
- Used Matplotlib to draw a histogram showing the most representative job and give different job seekers suggestions about the specific city that is most suitable for them.
- Created a map for different job categories to find the best places for job seekers of the different target areas.

Best tourist attractions in China Website Project
2018 Hackathon
- Developed a website to introduce the most famous tourist attractions in every province in China.
- Used Firebase to organize data.
- Worked with Web Front-End Frameworks to add extra functionalities to the site.

HONORS AND ACTIVITIES
- Peer Mentor in CSE department
- Volunteer at Engineering Exposition

- ACM club, HackOHI/O, Buckeye Hackers
- University Chorus