# Yue Zhang

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## EDUCATION

**2017.8-Present**   **THE OHIO STATE UNIVERSITY**     Columbus, Ohio
- Bachelor of Science in Computer Science Engineering (*Honor*), Expected Graduation: May, 2021
- Bachelor of Science in Theoretical Mathematics (*Honor*), Expected Graduation: May, 2021
- Honors: Dean's List
- Current GPA: 3.947 (4.00 scale)

## SKILLS

**Technologies:** Java, HTML, CSS, JavaScript, C/C++, C#, Python, MATLAB, Unity, Firebase, SQL, Linux

**Knowledge:** Algorithms, Calculus, Discrete Math, Linear Algebra, Probability, Formal Proof Writing, Database.

**Relevant Computer Science Courses:** Software Development and Design, Discrete Structure, Data Structure and Algorithms, Low-level programming and Computer Organization, Database System.

**Language:** English, Chinese (Mandarin)

## RELATED EXPERIENCE

**2019.1-Present** **Ohio State Undergraduate Researcher**     Columbus, Ohio
- Use the Unity platform and C# to develop a rhythm training application for chronic aphasia patients that is being used at the OSU SLAM lab
- Combine computer science technology with neuroscience to provide speech/language recovery following rhythm-based therapy.
- Develop and maintain the SLAM lab website by using Web Front-End Technology.

**2019.1-Present** **Ohio State Undergraduate TA and Grader**     Columbus, Ohio
- Work around 10 hours per week to help students with software and system projects and write code.
- Perform academic tutoring for students during weekly lab and office hours.
- Grade student Java, C, and Assembly language projects, homework, and closed lab.

**2018.8-Present** **Member of Code 4 Community**     Columbus, Ohio
- Work in the Web Front-End team to build a web for helping teens with mental health issues.
- Collaborate with a division of club to work for login page and administrative page.
- Create free website for small organization.

## PROJECTS

**Best States for Job Seekers Project**
2018 ASA DataFest
- Used Python to analyze data with different factors that affect job seekers' working preferences from Indeed.com.
- Used Matplotlib to draw a histogram showing the most representative job and give different job seekers suggestions about which city is most suitable for them.
- Created maps for different job categories and 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.

**2D Unity Bunny Running Game**
- Used Unity engine and C# to develop a bunny running game.

## ACTIVITIES

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| 2019.3 | Google Hashcode Competition |
| 2018.9 | Engineer Exposition Volunteering |
| 2018.1-Present | ACM club |
| 2017.8-2018.5 | University Chorus |