

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.
- 2019.1-2019.5 **Ohio State Undergraduate TA and Grader** Columbus, Ohio
- Work around 10 hours per week to help students with software projects and write code.
 - Perform academic tutoring for students during weekly lab and office hours.
 - Grade student Java 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

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