Michael Zhu

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Education

The Ohio State University   *Columbus, OH*
B.S. Computer Science and Engineering   *Aug. 2019 – Present*
- Expected graduation: May 2022
- GPA: 4.0/4.0
- Relevant coursework: Data Structures and Algorithms, Intro to Low-Level Programming

Experience

The Ohio State University   *Columbus, OH*
Undergraduate Grader   *Aug. 2020 – Present*
- Knowledgeable on manipulating various data structures, basic logic and asymptotic analysis
- Guided students during lab and maintained lab equipment
- Graded assignments and held office hours to assist with homework and projects

Projects

Personal Website   *Mar. 2020 – Present*
zhumichael.com   *HTML, CSS, JavaScript, Node*
- Served a different web page to new versus returning users
- Obtained auto-renewing SSL certificate in order to allow HTTPS traffic
  - Received an A rating on SSL Labs Server Test
- Compressed, resized and cached static content to quicken load times
  - Received an A rating on GTMetrix

College Choice Advisor   *Nov. 2019*
CollegeCheque   *Python*
- Helped build an app that fetched and displayed relevant college data to prospective students
  - Collected race and ethnicity distributions from over 8000 universities
  - Generated an attractive visualization, then converted to a string for display on website
- Earned a finalist spot at Hack OHI/O – top 20 of over 200 teams
  - Won JPMorgan Chase Best FinTech for Good – 1st of 19 teams
  - Invited to showcase at Best of Ohio State

Solon Science Olympiad Website   *May 2017 – May 2018*
solonscienceolympiad.org   *HTML, CSS*
- Modernized header, navigation bar and button styles
- Regularly reported tournament results and news, increasing average visits by over 20%

Skills

Java, JavaScript, HTML, CSS, C++

Leadership

Beta Theta Pi Fraternity   *Columbus, OH*
Pledge Class Vice President   *Feb. 2020 – Present*
- Coordinated weekly social events for over 30 new fraternity members

Science Olympiad   *Solon, OH*
Team Captain   *May 2018 – May 2019*
- Selected and led team of 15 members to state championship and national runner-up
- Helped organize the Solon High School tournament with over 1000 participants
- Facilitated weekly 3-hour meetings to encourage regular communication