

# Eric Zhou

## EDUCATION:

University of Wisconsin-Madison

BS Expected 2023

*Major: Computer Science, GPA: 4.0*

Coursework: Introduction to Programming, Data Structures I, Data Structures II, Discrete Mathematics, Introduction to Computer Engineering, Multivariable Calculus, Introduction to Linear Algebra

## EXPERIENCE:

Coding for Good

Spring of 2020 - Present

*Member, Pytutor Project*

- Member of computer science non-profit organization Coding for Good. Developed a new homework interface called Pytutor.
- Provides students an interactive way to learn Python through trace and explain questions.
- Professors gain detailed insight about areas that students struggle with in course
- Developed an installable PIP package for professors to create worksheets for students to use. Generates an HTML page that contains professor's questions and traces.
- Worked on frontend using HTML, CSS, and JS, developed many pages of our application
- Used in CS220, the Introductory Python Programming course at the University of Wisconsin-Madison.

Software Training for Students

Summer of 2020 - Present

*Trainer*

- Teach introductory workshops on programming languages (i.e., Python, HTML, CSS, etc.) as well as host office hours for students to ask questions about their projects.
- Learn new software technologies, as well as provide 1-1 help with students.
- Work with other coworkers developing new workshops
- Updating current JavaScript workshop, developing new interactive examples as well as a demo application to aid the teaching process.

The Simon Gilroy Laboratory (Madison, WI)

Fall of 2019 - Spring of 2020

*Research Assistant*

- Programmed camera to properly capture long-exposure shots of plants. Learning how plants react to abiotic stressors. NASA affiliated to help promote botany education.

Member of Kappa Eta Kappa

Fall of 2019 - Present

*Member, Webmaster*

- Member of professional Computer Science/Electrical Engineering fraternity, manage fraternity website using HTML/CSS programming.
- Update roster and new upcoming events. Website is hosted by Jekyll.

## SKILLS & INTERESTS:

Skills: Python, Java, HTML, CSS, JavaScript, PHP, MySQL.

Interests: Singing, Acting, Ultimate Frisbee, Soccer, Community Service, member of Asian American Student Union.

Other: Spanish (fluent), Mandarin (basic).