Eric Zhou

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https://github.com/eric-zhou2001, https://eric-zhou2001.github.io/reactPersonal/

EDUCATION:

University of Wisconsin-Madison, Bachelor of Science, May, 2023
Major: Computer Science, Overall GPA: 4.0/4.0
Coursework: Introduction to Programming, Data Structures I, Data Structures II, Discrete Mathematics, Introduction to Computer Engineering, Multivariable Calculus, Introduction to Linear Algebra

EXPERIENCES:

Coding for Good, Madison, Wisconsin   January of 2020 - Present
Member, Pytutor Project
- Develop a new homework interface called Pytutor for introductory Python programming classes for students to use in addition to projects
- 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
- Develop 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, Madison, Wisconsin   July 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
- Collaborate with other coworkers developing new workshops
- Update current JavaScript workshop, developing new interactive examples as well as a demo application to aid the teaching process

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

The Simon Gilroy Laboratory (Madison, WI)   September of 2019 - May of 2020
Research Assistant
- Programmed camera to properly capture long-exposure shots of plants
- Learning how plants react to abiotic stresses, NASA affiliated to help promote botany education

SKILLS & INTERESTS:

Skills: Python, Java, HTML, CSS, JavaScript, PHP, MySQL, React
Interests: Singing, Acting, Ultimate Frisbee, Soccer, Community Service, member of Asian American Student Union.
Other: Spanish (fluent), Mandarin (basic).