

HILARY ZEN

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA | SEPTEMBER 2020 – PRESENT

- ♦ B.S. in Computer Science and Engineering candidate
- ♦ Anticipated graduation: May 2024
- ♦ Relevant Courses: Fundamentals of Programming

STUYVESANT HIGH SCHOOL, NEW YORK, NY | SEPTEMBER 2016 – JUNE 2020

- ♦ GPA: 97 out of 100
- ♦ Relevant Courses: AP Computer Science, Software Development, Artificial Intelligence
- ♦ Honors: High Honors in Computer Science, National Merit Finalist, top 5% on the AMC 12A

EXPERIENCE

MIT DIGITAL HUMANITIES LAB, CAMBRIDGE, MA

UNDERGRADUATE RESEARCHER | SEPTEMBER 2020 – PRESENT

- ♦ Collaborate on a team of 30 students and faculty to study and build a digital archive for thousands of photos, to document Paris in 1970
- ♦ Brainstorm and develop code in small teams to analyze the photos and build a user interface to display them, using computer vision packages and front-end frameworks in Python

KODE WITH KLOSSY, NEW YORK, NY

INSTRUCTOR ASSISTANT | MAY 2020 – AUGUST 2020

- ♦ Taught young women computer science and web development using HTML, CSS, and JavaScript in a virtual environment, and supported them through debugging and running office hours
- ♦ Planned reviews of material and designed questions to engage all students and check for understanding
- ♦ Led culture-building activities and facilitated discussions about how to make the tech industry more inclusive for women and minorities
- ♦ Acted as project manager for several small teams, checking on their progress regularly, helping with technical difficulties in their code, and teaching any extra knowledge that the team needed

STUYVESANT ARISTA, NEW YORK, NY

VICE PRESIDENT OF WEB DEVELOPMENT | MAY 2019 – JUNE 2020

- ♦ Managed and added new features to the main website of ARISTA, Stuyvesant's honor society, where members sign up to volunteer or tutor peers
- ♦ Led the eight members of the Web Development Committee by teaching the language used, assigning tasks, and reviewing their code
- ♦ Helped organize five major school events, direct more than 200 ARISTA members, and resolve technical issues during the day
- ♦ Wrote communications like emails and announcements, and oversaw the member applications process

ADDITIONAL SKILLS

- ♦ Proficiency in HTML/CSS, Javascript, Python and SQL
- ♦ Project management experience with websites that involve many members, each with different roles, working over several weeks
- ♦ Excellent written and verbal communication skills