



Siena Cizdziel

Optimistic, passionate, and driven undergraduate student seeking opportunities to build software engineering skills and promote social progress through tech.

EDUCATION

Yale University | New Haven, CT | 2019-2023

- **B.S. in Computer Science and Economics, GPA: 3.95**
- *Relevant coursework:* CS50, Functional Programming, Microeconomic Analysis, Multivariable Calculus, Theory and Implementation of Self-Driving Cars

MIT Women's Technology Program | Boston, MA | Summer 2018

- Fast-paced courses in electrical engineering, computer science, and math
- Presented at the final banquet about the EE course
- *Projects:* Python Tetris game, Arduino touch piano, electromagnetic motor

Oxford High School | Oxford, MS | 2016-2019

- **Salutatorian, GPA: 4.48**

EXPERIENCE

Teaching Assistant

CS50 @ Yale | New Haven, CT | Aug 2020-present

Introductory computer science course for undergrads at Harvard + Yale.

- Lectured on core CS concepts (i.e. data structures, algorithms, and sorting).
- Helped students complete p-sets at office hours in C, Python, SQL, and the web track (CSS/JS/HTML, Flask backend).
- *Fall 2019 Project:* WorldSearch, using Google Maps & News APIs for easy regional news searches

Web Development Team Member

PPE4ALL | Remote | Aug 2020-present

Nonprofit supplying PPE for healthcare workers and communities in need.

- Completed frontend projects using React.js, HTML, CSS, and Gatsby.
- Actively participated in team meetings each week, coordinated on team projects through GitHub and Trello.

Webmaster, Writer, Photographer

Yale Scientific Magazine | New Haven, CT | Dec 2019-present

A masthead position on the nation's oldest college science publication.

- Worked with masthead to improve/update WordPress website, posted articles.
- Published articles on chemical engineering and environmental research.

Project Development Team Member

Circle of Women | New Haven, CT | Aug 2019-present

Nonprofit promoting gender equity in secondary education for girls across the world.

- Prepared a digital library and 50 eReaders for girls in Guatemala.
- Fundraised \$200+ for rebuilding bathrooms in a girls' school in Uganda.

Varsity Speech and Debate Captain

OHS Speech and Debate Team | Oxford, MS | 2016- 2019

- Mentored 20+ students in public speaking.
- Coordinated annual speech & debate tournament that brought students from across the state.
- Top 2 in MS in Lincoln-Douglas debate, advanced to top 50 at Nationals.

SKILLS

- Strong public speaking, written and oral communication
- Works well in collaborative environments
- Chinese (conversationally fluent)
- Adobe Premiere Pro video editing
- Adobe Illustrator digital art

CS Technical Skills

Proficient

- HTML/JS/CSS
- SQL
- C
- Python and Flask
- GitHub
- Racket
- React.js

Novice

- Node.js
- WordPress
- Arduino
- Formal Methods + Verification

HONORS + AWARDS

- Grace Hopper Conference '20
- JPMorgan Chase Software Engineering Virtual Intern '20
- Peer-voted "Best Role Model" in Senior Class Superlatives '19
- National Merit Finalist and AP Scholar with Distinction '19
- Electric Coops of MS State-Wide Youth Leadership Award '18