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sienacizdziel.github.io

Siena Cizdziel

SKILLS

Proficient

- Chinese (conversationally fluent)
- HTML/JS/CSS
- SQL
- C
- Python and Flask
- GitHub
- React.js

Familiar

- Node.js
- WordPress
- Arduino
- Formal Methods & Verification
- Adobe Premiere Pro video editing
- Adobe Illustrator digital art
- R

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
- Intel International Science and Engineering Fair Finalist '18
- Electric Coops of MS State-Wide Youth Leadership Award '18

EDUCATION

Yale University | New Haven, CT | Graduating May 2023

- **B.S. in Computer Science and Economics, GPA: 3.95**
- *Relevant coursework*: Programming, Econometrics & Data Analysis, Micro/Macroeconomics, Multivariable Calculus, Self-Driving Cars, Technology Law
- *Fall 2019 CS Project*: WorldSearch, using Google Maps & News APIs for easy regional news searches

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

- Fast-paced courses in electrical engineering, computer science, and math
- Presented at final banquet to donors 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 2 hrs/week on core CS concepts (data structures, algorithms, sorting).
- Helped students work through p-sets at office hours in C, Python, SQL, and the web track (CSS/JS/HTML, Flask backend).

Front-End Developer
PPE4NYC | Remote | Aug 2020-present
Nonprofit supplying personal protective equipment for healthcare workers and communities in need.

- Completed front-end updates (e.g. improving donations page, which attracts $16k+ in donations) utilizing Gatsby framework, React.js, CSS.
- Collaborated with graphics, content, marketing teams to create interactive blog.
- Actively participated in team meetings each week, coordinated 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.

- Improved WordPress website, collaborated on COVID-19 coverage initiative.
- Published articles on chemical engineering and environmental research.

Project Development Team
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.