Siena Cizdziel

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E D U C A T I O N

Yale University | New Haven, CT | Graduating **May 2023**
- **B.S. in Computer Science, GPA: 3.94**
- *Relevant coursework*: Data Structures & Programming Techniques, Functional Programming, Technology Law, Self-Driving Cars, Systems Programming & Computer Organization, Discrete Math
- *Class/hackathon projects*:
  - *Feedback Arc Set* – input teams, sorts by topological or depth-first search (**C**)
  - *COVID-19 Data Visualization* – query db for country's COVID data (**Flask, SQL**)
  - *WorldSearch* – news by map region (**Flask, HTML/JS/CSS, Google Maps & News APIs**)

Oxford High School | Oxford, MS | 2016-2019
- **Salutatorian, GPA: 4.6/4.0 weighted**
- **MIT Women's Technology Program | Boston, MA | Summer 2018**
  - Fast-paced courses in electrical engineering, computer science, and math
  - *Projects*: Python Tetris, Arduino touch piano, electromagnetic motor

E X P E R I E N C E

PPE4ALL | *Chief Technology Officer, Software Developer* | Aug 2020-present
- Coordinated technological operations e.g. weekly development team meetings, product strategy, workspace operations, & website maintenance (ppe4all.net).
- Directed dev team in building fraudulent data parser (**Python**) to improve the operations team's supply chain efficiency.
- Coded front-end updates for website, with 17k+ visitors & $18k+ donations (**Gatsby, React, CSS**).

Jane Street Capital | *INSIGHT Software Engineer* | Jan 2021
- Built market-making bot (**Python**) that traded stocks on a fake exchange with strategies like hedging. Bot placed 1st in 30-person program by P/L scores.
- Developed fully functional game of Snake in **OCaml**.

CS50 @ Yale | *Teaching Assistant* | Aug 2020-Dec 2020
- Lectured 2 hrs/week to 12+ student section on core CS concepts (data structures, sorting, etc), diving further into topics from main lecture.
- Walked students through code at office hours in **C**, **Python**, **SQL**, and web dev (**CSS/JS/HTML**, **Flask**). Advised students' final projects.
- Co-hosted super-sections on debugging, open to entire 200+ student class.

A C T I V I T I E S

Yale Computer Society | *Development Team* | Aug 2020-present
- Developed front-end for startup internship matching platform (**React.js, AWS, Sass**) with Yale Entrepreneurial Society, 30+ startups (internships.yesatyale.org/).

Yale Scientific Magazine | *Web Designer, Writer, Photographer* | Dec 2019-present
- Photographed labs and published articles about recent findings in science.
- Conducted design make-over for the main website. (yalescientific.org)

OHS Speech and Debate Team | *Varsity Debate Captain* | Oxford, MS | 2016-2019
- Mentored 20+ students in public speaking.
- Coordinated annual debate tournament, attracting students state-wide.
- Competed individually in Lincoln-Douglas debate (debates about morals and values), placed top 2 in Mississippi and advanced to top 50 at Nationals.

S K I L L S

Technical
- C
- Python (Flask)
- HTML/JS/CSS
- GitHub, Visual Studio
- SQL
- React.js
- R

Non-Technical
- Mandarin
- Microsoft Office
- Adobe Suite (Premiere Pro & Illustrator)
- Bloomberg Terminal

H O N O R S + A W A R D S

- Grace Hopper Conference Attendee '20 *(scholarship from Yale Women in CS)*
- National Merit Finalist and AP Scholar with Distinction '19 *(top 1% of PSAT and AP scores)*
- Intel International Science and Engineering Fair Finalist '18 *(top 2 presentations in the state)*
- Electric Coops of MS State-Wide Youth Leadership Award '18 *(2 selected from 50 nominated high school leaders)*

H O B B I E S

- Writing short stories
- Walking with my dog
- Learning finance and investing
- Coding with friends at hackathons