Lilian Zhao

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EXPERIENCE

ML Hacks - Director of Operations

Jan 2022 - Present

- Manage event logistics and coordinate team responsibilities
- Create detailed guidelines for judges, workshops hosts, mentors, organizers, and hackers
- Oversee and improve outreach strategies, expanding projected attendee base to 100+ signups

National High School Game Academy - Student

June - Aug 2021

- Attended rigorous lectures by CMU professors and grad students on 3D art, software development, and game design
- Developed an original video game on Unity with a team of 5, creating level maps and music tailored to gameplay

Hireglyph - Web Development Intern

June - Aug 2021

- Implemented user interface and added functionality to pages using react-redux-firebase
- Designed user progress stats profile with Figma, incorporated styles with themeUI, and dynamically sized for mobile

CodeHers - Curriculum Developer

Aug 2020 - May 2021

- Taught an online AP Computer Science review course to a community of more than 50 students
- Created course content (lesson presentations, review materials, and practice problems) centered around the fundamentals of Java

Orzire - Founder

Jan 2020 - Present

- Established an online business that sells handmade origami jewelry and donates all proceeds ($520+) to nonprofits
- Research materials to ensure quality and cost efficiency
- Coordinate tasks based on product availability and demand

EDUCATION

Foothill High School
Relevant Courses: AP Calculus BC (5), AP Computer Science (5), AP Statistics (5), AP Chemistry (5), AP Biology (5)
GPA: 4.38 W/4, 3.98 UW/4

SKILLS

Javascript	HTML/CSS	Java
ReactJS	UI/UX	

PROJECTS

Cero - Javascript Browser Game

- Used melonJS game engine to develop a platformer designed to simulate the journey overcoming a mental illness
- Hand-drew original tileset, maps, and sprite animations
- Designed and implemented core game and level mechanics

LineScape - React Web App

- Created an interactive visual interface that allows users to quickly and intuitively draw scalable line art
- Implemented various illustration settings and a point output system for reusable web animations

Snowball - Mobile Android App

- Takes advantage of corporate matching programs to maximize the impact of individual donations
- Implemented the Charity Navigator API to provide users with information on the most transparent and financially accountable charities

AWARDS

1st Overall @ Hydrangea Hacks (out of 84 submissions)
Best Overall Hack @ Creativa 2020 (out of 77 submissions)

Best Design @ Superposition V (out of 61 submissions)
President's Volunteer Service Award (3x, 297 hours total)