Lilian Zhao

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EXPERIENCE

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

- create course content centered around a variety of coding topics (e.g. java, python, HTML/CSS)
- focus on making computer science more accessible for girls and students in marginalized communities

Orzire - Founder, Operations Manager
Jan 2020 - Present

- established an online business that sells handmade origami jewelry and donates all proceeds (currently $350) to reliable charities
- research materials to ensure quality and cost efficiency
- effectively coordinate tasks based on product availability and demand

Science Olympiad - Competitor
Aug 2018 - Present

- explore a variety of specific STEM-related events including structural design and engineering, aerodynamics, codes and ciphers, protein structure, and experimental design
- communicate effectively with other team members to obtain high rankings at competitions (top 6)

PLAY Foundation - Volunteer
Feb 2017 - June 2020

- performed in a volunteer orchestral group that played music at senior centers and attended fundraising performances for PPIE (a local educational program)

EDUCATION

Foothill High School
Relevant Courses: AP Calculus BC, AP Computer Science, AP Statistics, AP Chemistry
GPA (weighted): 4.36

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)