

## Sherwin F. Zhang

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### EDUCATION

**Occidental College**, Los Angeles, CA

*Bachelor of Arts, Major: Music Composition, Computer Science*

May 2022

GPA: 3.75

**Monta Vista High School**, Cupertino, CA

May 2018

**RELEVANT COURSEWORK:** Data Structures, Computer Organization (Computer software on a fundamental bit-level)

**SKILLS:** Typing: 95wpm, Software: Python, Java, Git, Excel, MIPS assembly language, Logic Pro X

**ACTIVITIES:** STEAM:Coders volunteer, film composer, Orchestral clarinetist, hobby modder

**PROJECTS:** "Smile-Miles" hackathon demo app for ride-sharing students; personal website to host my musical endeavors; ongoing bug fixes for video game mods; plans to write a compiler

### EXPERIENCE

**Springlight Education**

Cupertino, CA

*Computer Science Teacher*

June 2019-August 2019

- Constructed and designed courses vetted by professionals using a combination of online exercises and personally-designed problem sets and lecture slides.
- Taught two 3-week long programming boot camps for Python and Java to middle school and high school students, culminating in a basic Space Invaders game.
- Received endorsements from students' parents and my supervisor for my patience, detail-oriented approach, and helpfulness.

**Occidental College**

Los Angeles, CA

*Music Librarian/Orchestra Librarian*

October 2018-Present

- Handle and execute requests from musicians to make on-the-fly adjustments for their orchestral music sheets.
- Catalogue and update orchestral repertoire databases (using Microsoft Excel) for efficient data organization.

**Golden State Youth Orchestra**

Palo Alto, CA

*Music Librarian Intern*

January 2018-April 2018

- Managed music library for a 6 orchestra group with over 450 musicians.
- Printed, transposed, notated, and prepared music sheets for each orchestra's musicians.

**Polar Bears Music Club**

Cupertino, CA

*Secretary*

January 2018-June 2018

- Fostered a new generation of leaders by creating protocols for transfer of power in club leadership structure and organized bonding banquets to socialize old and new members

*President*

January 2017-January 2018

- Co-founded Polar Bears, an independent student volunteer music performance club focused on providing diverse music performances to local retirement homes.
- Organized weekly performances to create a community of musicians representing diverse music styles and instruments by young artists to the community.
- Expanded performance venues to Palo Alto and club membership from 6 to 30 students from 7 different schools, in order to increase volunteer opportunities and impact on the community.