ERIN TSAI

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EDUCATION

University of California, Berkeley   **Aug. 2019 – May 2023**
B.A. in Computer Science and Cognitive Science
GPA: 3.869/4.0
Courses: The Structure and Interpretation of Computer Programs, Data Structures, Discrete Mathematics and Probability Theory, Foundations of Data Science, Web Design Decal, Human-Centered Design Decal
Organizations: Codeology, CS Kickstart, Association of Women Engineers, AFX Dance

EXPERIENCE

CS Kickstart | *Curriculum Team Member*   **July 2020 – present**
- o Currently developing the curriculum for CS Kickstart, a week-long tech exposure program for freshmen women interested in computer science
- o Organized club panel last summer, helping define logistics in a virtual format

Fall Program for Freshmen | *Student Ambassador*   **Jan. 2020 – Dec. 2020**
- o Designed content for FPF Instagram and Facebook using Adobe XD and Figma
- o Trained in social media techniques and best practices such as ADA compliance, user engagement, and content design
- o Gave critiques and training presentations on graphic design to team members

PROJECTS

Find Your Zen | *Swift, Xcode, Figma*   **Feb. 2021 – present**
- o Designing and developing an iOS mobile app for meditation and wellness
- o Features include mood tracking, journaling, deep breathing, and goal-setting

Thin Ice | *Java, JUnit, IntelliJ IDEA*   **Nov. 2020**
- o Designed and implemented a tile-based world exploration game with saving, loading, interactive elements, and head-up display
- o Uses a seed to generate a pseudorandom map of rooms and hallways
- o Worked collaboratively through each stage of the software development process, including ideation, design, testing, and presentation

SKILLS

- o Java, Python, HTML, CSS, JavaScript, LaTeX
- o Adobe Illustrator, Adobe XD, Figma, Xcode, IntelliJ IDEA
- o Music arrangement & composition, user interface design, human-centered design