Elissa Shih

elissa.shih@gmail.com | (408) 296 - 9126 | venncy.github.io | Berkeley, CA 94702

Objective	Enthusiastic student seeking a Summer 2023 internship in the field of computer science to develop industry-applicable technical skills and learn about new technologies!

Education	**University of California, Berkeley** Expected May 2023 B.A. Computer Science GPA 3.95/4.0 **Relevant Coursework** *in progress - Structure & Interpretation of Computer Programs | Data Structures | Computer Architecture | Efficient Algorithms and Intractable Problems* | Computer Security* | Optimization Models in Engineering* | Full-Stack Web Development*

Experience	**Amazon** - Incoming SDE Intern May 2022 - Aug 2022 **Kumon Math and Reading Center** - Receptionist & Tutor Feb 2018 - Apr 2020 - tutored ~15 elementary/middle/high school students in Common Core math twice a week - handled student registration and administered ability assessments

---

Skills	**Development** : Python | Java | C | RISC-V | Go | HTML | CSS | JavaScript | React **Design** : Paint Tool SAI | Procreate

---

Projects	**Teamfight Tactics (TFT) Leaderboard** (HTML, CSS, JavaScript) Dec 2021 - designed and wrote a website to sort and display user-inputted players by their in-game ranks using the Riot Games API **World Generator** (Java) Apr 2021 - designed and implemented engine for interactive, playable 2D text-based tile worlds - involved UI design, pseudorandom map generation, making game keyboard interactable **Homestead Hero** (Unity, C#, Paint Tool SAI) Mar - Apr 2021 homesteadhero.itch.io/game - artistic director of a team of students developing a 2D homestead management game; decided thematic direction of the game; created all art assets and animations used **Gitlet** (Java) Mar 2021 - developed simple local version control system to imitate git (commit, branching, merging functionality) - involved system input/output, data structures, hashing, serialization