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# Steffi Lin

Software Engineering Student at UC Berkeley, Bay Area, CA

(925) 549-7879 | [steffi2002.lin@gmail.com](mailto:steffi2002.lin@gmail.com) | [steffilin.github.io/](https://steffilin.github.io/) | [github.com/steffilin](https://github.com/steffilin) | [linkedin.com/in/steffilin/](https://linkedin.com/in/steffilin/)

## **EDUCATION**

**University of California, Berkeley—CA**

AUG 2021 - PRESENT

Computer Science @ College of Letters & Science | GPA: 3.725

## **PROJECTS**

**Personal Website - Web Development**

DEC 2022 - PRESENT

- Implemented frontend UI using React.js, Javascript, CSS, and HTML
- Designed wireframing and components in Figma
- Utilized Git and Github for version control

**Task Tracker App - Full stack mobile app**

SEP 2022 - PRESENT

- Created an iOS application to automatically prioritize tasks based on due date
- Developed frontend using SwiftUI
- Implemented backend and data persistence using Swift and JSON

**Gitlet**

APR 2022 - APR 2022

- Utilized OOP to build a version control system from scratch that mimics the basic features of Git including:
  - save files, entire directories, commit, view past commits, create branches, merge, etc.
- Created using a tree structure using Linked Lists and BFS
- Utilized serialization to store objects in files

**Ataxx Board Game**

MAR 2022 - APR 2022

- Developed unit tests using JUnit to assist in testing
- Programmed an AI machine using minimax algorithm so that a player can play against an AI

## **EXPERIENCE**

**VP of Web Development, Ethical Apparel**

FEB 2023 - PRESENT

- Led, collaborated with, and communicated with team members to maintain online shop and organize website to improve customer experience and increase sales
- Constructed high fidelity prototypes using Figma and used HTML/CSS and Javascript to develop interactive website features and improve user experience

**Academic Intern (CS61B Data Structures), UC Berkeley EECS - Part-Time**

JAN 2023 - PRESENT

- Cooperated with other course staff to facilitate class labs and office hours
- Explained and taught programming concepts to improve understanding of other students
- Assisted students with debugging and code issues

**Barista, Peet's Coffee - Part-Time**

MAY 2022 - AUG 2022

- Handled and completed orders for 150+ customers throughout the day
- Supervised and directed new staff to provide fast and courteous customer service
- Collaborated with Shift Lead to manage store and organize it for opening/closing

## **SKILLS**

**Programming Languages** - Java, Python, Swift, SwiftUI, SQL, HTML5 / CSS, C, RISC-V, Pandas

**Programming Skills** - Data Structures, Object-Oriented Programming, Web Development in React, iOS App Development, Git, Github, Frontend / Backend Development

**Design** - UI/UX — Figma, Adobe XD, Adobe Illustrator, Procreate, Clip Studio Paint

**Spoken Languages** - English (native), Mandarin (advanced proficiency)