

# Sophia Lau

software developer & designer

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## EXPERIENCE

### Salesforce | Incoming Software Engineer

Summer 2019

- Working on the content management system (CMS) team

### Berkeley Codebase | VP of Marketing

[sophialau.me/vp](https://sophialau.me/vp)

Spring 2019 - Present

- Created Codebase's external marketing team
- Oversee growth & maintenance of the Codebase brand through professor/professional interviews and promotion of Codebase-hosted workshops and events

### Berkeley Codebase | Consulting Project Member

[codebase.berkeley.edu/projects](https://codebase.berkeley.edu/projects)

Spring & Fall 2018

- Full-stack web developer for Bay Area companies
- Work alongside a small team directed by 2 project managers

### Berkeley Garb | Design Department

[berkeleygarb.com](https://berkeleygarb.com)

Fall 2018

- Manage website, layout articles, design merchandise, and maintain a brand for Berkeley's style & fashion blog

## PROJECTS

### Zumper | Full Stack Web Development

[sophialau.me/zumper](https://sophialau.me/zumper)

Fall 2018

- Created web application for Zumper employees to classify messages not accurately classified by ML models
- Implemented a customizable N-user agreement and threshold criteria for message classification
- Google Authentication, administrative levels/security to limit accessibility of certain employees
- Display analytics of each user's rating accuracy
- Technologies: React, Express

### CodeBase Rebrand | Graphic, Web Design

[sophialau.me/codebase](https://sophialau.me/codebase)

Summer 2018

- Rebranded Berkeley CodeBase's logo and website
- Gave club with a more professional appearance to potential new members and clients for upcoming year
- Applicant pool increased to ~700
- Technologies: Figma, Adobe Illustrator, HTML/CSS

### CodeDoor | Full Stack Web Development

[sophialau.me/codedoor](https://sophialau.me/codedoor)

Spring 2018

- Created web-app inspired by GlassDoor for CodeBase members to share their work experience and advice
- Profiles team – used Slack API for authentication
- Technologies: HTML/CSS, Django, JS, React

## EDUCATION

### University of California, Berkeley

B.A Computer Science

2017-2021

#### Relevant Coursework:

- Human Centered Design
- Discrete Math & Probability
- Data Structures & Algorithms
- Machine Structures
- Computer Security
- Intro to Artificial Intelligence
- UI Design & Development (FA19)
- Intro to Machine Learning (FA19)

#### Technologies:

- Java
- Python
- C
- HTML/CSS
- JavaScript
- SQL
- Adobe Creative Suite

#### CS Scholars Program

- 1/60 students chosen on the basis of increasing diversity in CS, particularly first generation, minority, and socioeconomically disadvantaged students

#### a16z Generation Design Mentorship Program

- A program for selected college design students to connect with designers from leading tech start-ups within the a16z portfolio
- Mentors guide the selected students to help with design challenges and their future in the industry.

### smartstall | Interaction & UI Design

[tinyurl.com/smartstall](https://tinyurl.com/smartstall)

Fall 2018

- Conducted a case study to accomplish the goal of improving the public bathroom experience
- Designed the interface of a screen that could potentially be installed on both sides of a stall door
- Technologies: Adobe XD

### box | UI Design, Mobile App Development

[sophialau.me/box](https://sophialau.me/box)

January 2019

- Conducted a case study to accomplish the goal of improving the moving experience
- Designed the user interface and flow of a mobile app as a potential feasible solution
- Implemented design & functionality as a mobile application
- Personal project used to advance user-design skills and learn basic mobile development
- Technologies: Adobe XD, Swift

### Personal Website | Web Design & Development

[sophialau.me](https://sophialau.me)

Fall 2017 - Present

- Personal project used initially to learn HTML, CSS, and JS
- Built entire website from scratch with much help from StackOverflow