

Sophia Lau

software developer & designer

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EXPERIENCE

CodeBase at Berkeley | Consulting Project Member

codebase.berkeley.edu/projects

Spring 2018 – Present

- Full-stack web application developer for Bay Area startups
- Working with a small team directed by a project manager

PROJECTS

Zumper | Full Stack Web Development

zumper.com

September 2018 – Present

- Created web application for Zumper employees to classify messages not accurately classified by ML models
- Implement 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 | Branding, Design

sophialau.me/codebase

June 2018 – August 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

Jan 2018 – May 2018

- Created web application 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

Personal Website

sophialau.me

Fall 2017

- Personal project used as an opportunity to learn HTML/CSS
- Built entire website from scratch in 24 hours with help from StackOverflow
- Technologies: HTML/CSS, JS

EDUCATION

University of California, Berkeley

B.A Computer Science

2017 – 2020

Relevant Coursework:

- User Interface Design and Development (CS160 – Sp18)
- Human Centered Design (DESINV 98)
- Algorithms (CS170)
- Discrete Math & Probability (CS70)
- Data Structures (CS61B)
- Machine Structures (CS61C)

Technologies:

- Java
- Python
- C
- HTML/CSS
- SQL
- JavaScript
- Adobe Illustrator
- Adobe Photoshop
- Adobe Lightroom
- Adobe InDesign
- Adobe Premier

CS Scholars Program

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

Berkeley Garb | berkeleygarb.com

- Design department for Berkeley's most relatable blog for style and fashion
- Manage website, layout articles, brand design

BearMaps | CS61B

Fall 2017

- Built a web mapping application inspired by the OpenStreetMap project
- Used open-source location data to rasterize images of Berkeley, California
- Implemented autocomplete search function, shortest paths, zoom, location finder
- Technologies: Java