

Sophia Lau

software developer & designer

sophialau.me

sophialau@berkeley.edu | (408) 799-1128

www.linkedin.com/in/lausophia

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 | Machine Learning, Web Development

zumper.com

September 2018 – Present

- ML – filter messages by classifying as spam or valid; find models to accurately classify messages using SVM, bayesian predictors, decision trees, random forests, gradient-boosting, and/or logistic regression
- Web App – classify messages not accurately classified by ML models; implement a 2-user agreement for message classification
- Technologies: Scikit-Learn, Python, Flask, React

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
- Increased applicant pool to ~800 applications
- Technologies: Figma, Adobe Illustrator, HTML/CSS

CodeDoor | Software 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:

- Algorithms (CS170)
- User Interface Design and Development (CS160 – Sp18)
- Artificial Intelligence (CS188 – Sp18)
- Discrete Math & Probability (CS70)
- Data Structures (CS61B)

Technologies:

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

CS Scholars Program

- 1/60 freshmen 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

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