

# CATHIE LIN

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## EDUCATION

University of California, Berkeley - *Electrical Engineering and Computer Science B.S* 2021-2023

- GPA: 3.6/4.00

## WORK EXPERIENCE

Verkada - *San Mateo, California* May 2022-Aug 2022  
*Front End Engineer Intern, React | Typescript*

- Reworked the appearance of settings across individual cameras and organizations such as camera autofocus and video playback to create a more seamless user experience
- Implemented a user interface that allowed users to create custom schedules for camera firmware updates on an individual level, organization level, or via mass editing
- Updated the customer control panel to allow users to change camera video configurations such as saturation, hue, tint, etc., by themselves without having to contact tech support

Articence - *Remote* Jan 2022-Apr 2022  
*Full Stack Engineer Intern, React | Flask*

- Implemented a new page on the website that generated personalized survey links, sent out customizable emails to customers, and tracked customer responses to help users analyze audience engagement with their surveys
- Redesigned home page and the process of creating surveys to be more intuitive to customers

Chevron - *Remote* Jun 2021-Aug 2021  
*Software Engineer Intern, ASP.NET | Blazor | Serilog*

- Implemented API error logging and handling with Serilog for an ASP.NET application which analyzed data to optimize meter proving operations, projected to save the company 360 million dollars a year
- Helped deliver the MVP of the project by improving the application's user interface in response to direct customer feedback prior to launch

Pair Anything - *Remote* Sep 2020-Jun 2021  
*Software Engineer Intern, React | Angular*

- Added additional features on the consumer portal in response to requests from customers such as the ability to share posts on social media and individualized information pages for each winery
- Implemented an editor in Angular for the winery portal that allows users to create, customize, and manage their promotions which gave winery owners greater control over the promotions they wanted displayed

## TECHNICAL PROJECTS

- **Fitness Tracker (Javascript, HTML, CSS):** Created a fitness tracker that would save and analyze activity and fitness levels over specified periods of time
- **sshell (C):** Developed a simplified version of the Linux shell that supported command piping, file redirection, and environment variables
- **Davis Classy (React):** Worked with 8 other students to create a course reviewer for UC Davis students. Built and connected the login and sign-up pages and contributed to the front-end of the website.

## PROGRAMMING LANGUAGES

- React, Javascript, HTML, CSS, Python, Java, C++