Christopher Bannon

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Education

University of California, Berkeley — GPA: 3.72   **Aug. 2020 – Present**
B.A. in Computer Science   *Berkeley, California*
Coursework: UI/UX Design & Development, Digital Design & Integrated Circuits, Data Structures, Algorithms, Computer Architecture, Operating Systems, Discrete Math & Probability, Data Science, AI, Machine Learning

Experience

FavorX — Frontend Developer   **May 2023 – August 2023**
React Native, Expo, Redux, AWS S3   *Remote*

- **Collaborated closely** with the design team to iterate on Figma prototypes, **prioritizing user experience**, and shipping to React Native for mobile development, resulting in polished and user-centric interfaces.
- **Implemented and refined** user's 'transfer tokens' flow, and additionally **used redux** to **create** new **reducers**, **slices**, and, **"thunks"**, to **imporove** state management and asynchronous efficiency and **integrate firebase** and our **backend API** into the frontend
- **Scaffolded** out a **scalable** service for **uploading** and **storing** user's profile pictures in an **AWS S3** bucket, **leveraging** expo's API to asynchronously **resize and compress** image for efficiency and write to a unique **secureURL**

UC Berkeley — Undergraduate Student Instructor (CS160)   **June 2023 – Aug 2023**
HCI, UI/UX Design and Development, Web Development, Product Design   *Berkeley, California*

- **Developed** a python script to automate our airtable to email logistical workflow to save TA hours
- **Mentored 15+** students throughout the entirety of the design process
- **Led** weekly discussions on **frontend development**, **prototyping**, and **design** to **30+** students

Computer Science Mentors — Senior mentor (CS61B)   **Jan 2022 – Present**
Java, Data Structures, Algorithms   *Berkeley, California*

- Structure and lead a weekly comprehensive review session for a group of **5-7** students
- Present and model pedagogy techniques to a 'family' of **5-8** Junior Mentors to strengthen their teaching abilities
- Coordinate with a team of **15+** Mentor staff to plan and host course wide social events to **60+** 61B mentors
- Lead monthly course wide conceptual workshops open to up to **80** 61B students
- Recieved a 4.6/5.0 overall rating

Projects

The Sandbox Series   **May 2023 – Present**
*An ongoing series of projects that promote **creativity** and **play** in the browser*

> **Ascii Sandbox** — *React, Tailwind CSS* → url
> - **Coded** a minimalist interface to focus users on
>
> **Vocode Sandbox** — *React, Tailwind CSS, OpenAI GPT* → https://vocode-sandbox.web.app/
> - **Created** a serverless, responsive web-app that lets users experiment with different prompts for Vocode's voice AI
> - **Arranged** an interactive and engaging UI that displays a transcript of communication and an AI generated picture based on the feeling of the conversation

react-window-component — *React, npm* → Design Doc   **August 2023 - Present**

- **Deployed** a React component library on **npm** and **established CI/CD** via **Github Actions**

Skills

Computer Languages: Python, C, Java, HTML/CSS, JavaScript, Typescript, RISC-V Assembly, Swift

Technologies: Git/Github, VSCode, Figma, MongoDB, Jupyter, SQL, Firebase

Frontend Development: React, React Native, Redux, Expo, Tailwind CSS, MUI, Bootstrap