

# Jacey Buchner

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## EDUCATION

**University of California, Santa Barbara**

**September 2021 - Present**

• **B.S. Computer Science** (*Lockheed Martin Eng. Scholarship, Dean's Honors*)

**GPA: 3.8**

• Courses: Lin Algebra, Diff Equations, Discrete Math, OOP in C++, Computer Architecture

• Activities: Blockchain @ UCSB (Vice President), Coders SB, Theta Tau Engineering Fraternity

## SKILLS

**Programming Languages:** C, C++, Java, Javascript, HTML/CSS, SQL, MIPS Assembly, Solidity, Apex

**Technologies:** Git, Unix, LaTeX, Firebase, Xcode, IPFS, Salesforce Dev. Console

**Interests:** Web Applications, Data Structures, Blockchain & Distributed Systems, Machine Learning

## WORK EXPERIENCE

**SecLab at University of California, Santa Barbara**

**Santa Barbara, CA**

*Undergraduate Researcher*

**September 2022 - Present**

• One of 30 selected participants for UCSB's [Early Research Scholars Program](#)

• Working on the project [Finding Scam Contracts on the Ethereum Blockchain](#) during the 2022/2023 school year as part of the Computer Security Lab at UCSB

**Kaiser Permanente**

**Remote**

*Product Management Intern*

**June 2022 - September 2022**

• Collaborated with team members to develop a project strategy and a product roadmap to improve Kaiser Permanente's (KP) chatbot technology

• Used a development stack of Salesforce Lightning, Apex, Data Manipulation Language (DML), and SOQL to develop and deploy a KP chatbot in a Salesforce environment

• Analyzed telephony data to help with call volume efficiency for KP's National Consumer Sales team

**Berkeley Pharma Tech**

**Remote**

*Software Engineer Intern*

**January 2022 - May 2022**

• Created ERC-721 NFT collection to provide funding for research into fast-growing redwood trees with the goal of minimizing carbon emissions

• Used Solidity to develop smart contracts and Ganache (a personal blockchain) for testing

• Coordinated with an artist to generate 10,000 unique NFTs using a javascript art engine

## PROJECTS

**cryptaid** | [website](#) | 2nd Place @ [FTX](#) blockchain hackathon

**Solidity, React JS, Moralis SDK**

• Built a website that allows you to donate cryptocurrency anonymously and securely to any organization within the site

• Gives you the ability to create your own organization fundraiser page to post on the site where you can accept donations through your Ethereum wallet

• Website also enables you to swap a number of cryptocurrencies for Ethereum. Token swap created using Uniswap protocol

**30Seconds** | [website](#)

**React JS, HTML/CSS, AssemblyAI API**

• Created a website for behavioral-interview practice aimed at college students to help them improve their interview skills

• Students record themselves answering one of many randomized interview questions

• Used AssemblyAI's speech-to-text API to obtain speech transcript

• Provided score and feedback of the interview based on speech transcript to increase clarity in their speech

**Fiesta** | [website](#)

**React JS, Firebase, Google Maps API**

• Programmed a social platform that enables users to find and add parties to a map, rate parties, and add reviews

• Assembled backend using Firebase, which stores user data and list of parties

• Designed prototype of website/logo with Sketch; used Google Maps API to create the map

**InstaAid** | [devpost](#) | 4th Place @ [Pioneerhacks II](#)

**Swift, Apple MapKit, Node.js, Firebase**

• Built a health app that connects people (within a network) with allergies/asthma to locate others on a map who have an EpiPen/inhaler available in case of an emergency