

Christopher Lin

San Francisco Bay Area, CA 95407 • 707-889-7018 • christopherislin@gmail.com • www.linkedin.com/in/christopherislin • github.com/chrislin

Software Engineer | Frontend Engineer | Backend Engineer

EDUCATION

Bachelor of Science in Computer Engineering, UCSB (2020)

SKILLS

- Languages: Python, C++, Java, Matlab, HTML5, CSS3, Javascript(ES6), Typescript, C, Ruby/Ruby on Rails
- Frameworks and Libraries: React/Redux, JUnit, JQuery, Agile Development (Scrum), Test-driven development(TDD)
- Tools: Heroku, Git, Bash, Unix/Linux, Node.js, Amazon Web Services (AWS), Cloud, Docker, Trello
- Database: SQL, NoSQL, MySql, PostgreSQL, Firebase, Oracle

WORK EXPERIENCE

150birds

Oct 2020-Present

Software Developer Intern

- Developed an increasingly improved online platform allowing for businesses in need of marketing expertise to match up with freelancers for on-demand marketing
- Hacked through the Agile software development cycle with test-driven development and implemented the frontend design with React, HTML, CSS, and Javascript
- Created the first iteration of the backend interfaced with the frontend utilizing Python and Flask
- Designed and developed the PostgreSQL database, along with most of the API calls used for transactions such as login, signup, and data storage

PROJECTS

Eyelight: [Link](#)

Python, Flask, HTML, CSS, Javascript, Bootstrap, React, Firebase

- Built a web app to give surgeons a platform to upload their surgical videos and receive feedback through an auto-generating report built with algorithms
- Coordinated with a team over five months in creating a surgery video hosting web app utilizing analysis from a machine learning algorithm
- Implemented the web app's backend that logs in the user, receive and analyze an uploaded video with machine learning, then generate a report based on the tools used in the video

Octodragon: [Link](#)

Python, C

- Octodragon is a consumer productivity product that allows users to perform more actions for each modifiable key on their keyboard
- Built-in less than 36 hours during SB Hacks 2019, Octodragon would beat out 86 other teams, to win the award for **best IoT Hack using a Qualcomm board**
- Spearheaded the creation of a graphical user interface and expanded the number of actions a key can perform utilizing Python

Kitchen Ingredients: [Link](#)

HTML, CSS, Javascript, Bootstrap, OAuth, Firebase

- Brainstormed in a team through Agile based development over two months to create a web app hosted on Heroku that would give recipes based on user inputted ingredients
- Developed the Firebase database and front page with HTML, CSS, Javascript, which stores ingredients in the database