

Christopher Cooper

Irvine, CA | (949) 838-6614 | coopercb@usc.edu | linkedin.com/chriscooper13 | christophercooper.me

EDUCATION

University of Southern California, Viterbi School of Engineering
Bachelor of Science, Computer Science

Relevant Coursework: Data Structures, Algorithms and Theory of Computing, Linear Algebra

Los Angeles, CA
Expected May 2023
GPA: 3.72

EXPERIENCE

PIMCO

Incoming Software Engineering Intern

Newport Beach, CA
Starting June 2021

Inked Sports LLC

Software Engineering Intern

Los Angeles, CA
Dec 2020 - Present

- I helped develop the interface of the mobile application using React Native
- We communicate with the Instagram API and analyze the data based on how well they are performing.
- The data for the user's is stored using Firebase, and I help bridge the gap between the frontend and the backend

LEADERSHIP AND INVOLVEMENT

CAIS++

General Member

Los Angeles, CA
Aug 2020 - Present

- CAIS++ is the student organization of the USC Artificial Intelligence Society (CAIS)
- I was taught the basics of Machine Learning (Neural Networks, Linear/Logistic Regression, etc.) and how it can be applied to real world projects
- I am currently working on a group project using OpenCV AI Kit Computer Vision that will use object detection and semantic segmentation. The project has many use cases such as making sure people are socially distant, help the visually impaired, etc.

Scope USC

General Member

Los Angeles, CA
Feb 2020 - Present

- We learn different technologies throughout the semester in a with a project-based curriculum
- I am currently learning Firebase and React Native, and how I can apply that to real world projects.
- At the end I will build one large project with other students in the cohort with the knowledge that I gained throughout the semester

PROJECTS

Spotify Insider

Nov 2020 – Jan 2020

- This is a web application that allows users to see personalized Spotify and to create playlists based on what they listen to
- I created this web application with a React.js frontend that connects to a Node.js backend
- The backend of this application communicates with the Spotify Web API in order to get the information about the user

QuickWork

Feb 2020 – Apr 2020

- An iOS application created with two other students at the end of an outside course at CodePath
- The app allows those in a community to post, find, and message about jobs that need to get done
- I helped create the frontend in Swift, and connect the frontend to Heroku, which stores all of the app's data

Arcade Hoops

Oct 2020 – Nov 2020

- An iOS application where the user can play an AR basketball game with the front facing camera
- I set up the Java Servlet that communicated with the MySQL database, including authentication
- I connected the frontend Swift application with the backend Java servlet to have live scoring updates

SKILLS AND INTERESTS

- Programming Languages: Java, C++, JavaScript, Python, HTML/CSS
- Technologies: React, Git, MongoDB, SQL, Node.js
- Interests: I enjoy playing basketball, playing the guitar, and spending time outdoors.