Christopher Cooper

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

EDUCATION

University of Southern California, Viterbi School of Engineering   **Los Angeles, CA**
Bachelor of Science, Computer Science   Expected May 2023
Relevant Coursework: Data Structures, Algorithms and Theory of Computing, Software Engineering   GPA: 3.66

EXPERIENCE

PIMCO   Newport Beach, CA
Software Engineering Intern   Jun 2021 - Aug 2021
- Created a tool for internal developers to monitor trading grids
- Used Spring Boot (Java), Sanic (Python), and Oracle for back-end development and data storage, and Angular for the UI
- Project was fully tested and deployed for the use of the firm

Inked Sports LLC   Los Angeles, CA
Software Engineering Intern   Dec 2020 - Present
- Built an app and website for college athletes and brands to make deals
- Both applications used React front-ends and used Node.js as the server.
- Facilitated user authentication using both the Facebook API and the Apple sign in
- Helped communicate with the Facebook API to gather live data so that the user can get the most up to date data

LEADERSHIP AND INVOLVEMENT

CAIS++   Los Angeles, CA
General Member   Aug 2020 - Present
- CAIS++ is the student organization of the USC Artificial Intelligence Society (CAIS)
- Was taught the basics of Machine Learning (Neural Networks, Linear/Logistic Regression, etc.) and started to see the implementation in real projects.

Scope USC   Los Angeles, CA
General Member   Aug 2020 - Present
- We teach different technologies throughout the semester in a with a project-based curriculum
- Previous topics were Firebase, React Native, and Swift

PROJECTS

FoodConnect   July 2021 - Present
- Full stack web application that is meant to be the more social side of Yelp, so that users can be more interactive with each other
- The back end uses a MongoDB database to store all data, S3 in order to store all the media, and JWT for authentication
- Communicates with Yelp Fusion API in order to gather more data about restaurants
- The front end was created with React and bootstrap to help with the styling

Arcade Hoops   Oct 2020 - Nov 2020
- An iOS application where the user can play an AR basketball game with the front facing camera
- Set up the Java Servlet that communicated with the MySQL database, including authentication
- Connected the front-end Swift application with the backend Java servlet to have live scoring updates

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
- Created this web application with a React.js front end 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

SKILLS

- Programming Languages: Java, C++, Python, JavaScript, HTML/CSS,
- Technologies: MongoDB, SQL, Node.js, React, Django, Git

INTERESTS

- Interests: I enjoy playing basketball, playing the guitar, and spending time outdoors