

Philip Long

123 West Ave 31, Los Angeles, CA 90031 | 323-470-8746 | Philiplongcs@gmail.com | <https://github.com/ph-long>

Objective

Hard working computer science student hoping to utilize my talents towards an internship. Bringing strong knowledge of scripting languages, server systems, object-oriented design, and full stack web development.

Education

Majoring in Computer Science (Bachelor of Science)

University of California – Irvine, Donald Bren School of Information and Computer Science, Irvine, CA

GPA: 3.582

Expected Graduation: 2023

Dean's List: 2019-2020

Projects

Image Hosting Web Application

- Built a web application that allowed users to upload photos with a caption in a form, and display photos as cards. Users are then able to like, delete, or edit photos.
- Created a database using MongoDB and applied CRUD functionalities to create, read, update, and delete bsons from the MongoDB database.
- Created a RESTful API to communicate between client and server.
- Utilize ExpressJS to create routes for the server.
- The client of the application is developed with ReactJS to employ a single page website design and create a mobile-friendly website.
- The server was created using NodeJS as the runtime environment.

Coronavirus Case Charter

- Built a web application that charts out number of infected coronavirus cases, as well as the number of recovered cases and deaths. Allowed users to switch cases from an international scale to cases within countries.
- Incorporated a third-party Coronavirus API to access infected, recovered, and death cases.
- Web application designed in React JS to visualize coronavirus data as graphs.

Server-side Chat System

- Worked with a team to build a chatting service application in C, where users can communicate with each other directly or in rooms.
- Led in implementing the server-side of the application and employed multithreading architecture to the server.
- Our team used Git and Github to employ a version control system during development of our project.

Skills & Abilities

JavaScript • Python • C++ • C • HTML • CSS • Git • MongoDB • Express.js • ReactJS • Node.js • Assembly • NoSQL • Object-Oriented / Functional Programming • API Integration • Data Structures • Algorithms • Linux • Windows