

Harold Seo

Software Engineer
Los Angeles, CA

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TECHNICAL SKILLS

Strong: JavaScript, React, HTML5, CSS3, jQuery, Node.js, Express, MongoDB, Rest API, Git, GitHub

Experienced: TypeScript, Jest, React Testing Library, PostgreSQL, Heroku, Authentication, Cookies, Bcrypt, Crypto

EXPERIENCE

ChitChat | Software Engineer

2021–Present

- Developed a modular and responsive React application that allows chat messaging in real-time.
- Established a Node.js/Express server to handle HTTP requests to multiple endpoints with middleware functionality using Axios.
- Upgraded authentication in Node server by using Bcrypt to hash passwords and Crypto to randomly generate cryptographic user ids.
- Deployed Cookies to store returned data from our backend and utilize it across our application.

YouTube Video Player | Software Engineer

2021–Present

- Utilized React's functional component architecture with the hooks system to build an application that allows users to search and watch videos.
- Implemented Jest and React Testing Library to verify components and custom hooks are rendering and functioning as expected.
- Integrated TypeScript to enforce static typing, improve readability, and streamline debugging.
- Employed the YouTube API to query and retrieve a list of videos related to our search.
- Leveraged Semantic UI to quickly create a theme and layout.

TAG | Software Engineer

2020–2021

- Developed a web browser game using JavaScript, where two players compete in a game of tag.
- Implemented jQuery to manipulate the DOM and handle events like collision detection and player movement.
- Wrote game logic to enable a much smoother gameplay and accessible user experience.

WORK EXPERIENCE

NBCUniversal Media, LLC | Operations Analyst

2018–2020

- Enforced on infringing media content across multiple social media platforms including YouTube Content Management System and Facebook Rights Manager.
- Collaborated with the engineering team to develop and improve internal operation tools.
- Worked closely with the legal team on risk management to mitigate any imminent issues when working with disputed claims.

EDUCATION

General Assembly | Web Development Immersive 2017

California State University, Northridge | BS in Kinesiology and Exercise Science 2016