

Andy Chen

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TECHNICAL SKILLS

Front End | HTML, CSS, React, Redux, Javascript, MaterialUI, Tailwind CSS

Back End | Node.js, Express, MongoDB, PostgreSQL, MySQL, Restful API Development

Testing / Development | Jest, Mocha, Chai, AWS: EC2, Netlify, Cloudflare

Developer Tools | Git, npm, Webpack, Babel, Agile Methodology

SOFTWARE APPLICATIONS

Liquid Hackathon 2.0 - *Awarded 3rd place - Fullstack Engineer/Product Manager*

- Led a team of three by planning the website layout using Figma, assigning roles using Trello, and coming up with the idea behind the project.
- Put together a website that scraped Youtube and Amazon to create a survey that would help PC gamers find their 'perfect' gaming mouse based on preferences of mouse grip, weight, size, brand, and more.
- Utilized React and Redux to filter out a database and create a dynamic mouse 'results' dashboard that shows the user's 'desired' mouse as well as Amazon Ratings and the most popular youtube mouse review video.

Blue Ocean Project - Jobify - *Fullstack Engineer*

- Implemented a job seeker dashboard with full CRUD functionality and built a personal calendar/ to-do list for each user.
- Utilized Firebase Google Authentication and PostgreSQL to separate different user types.
- Leveraged React Router library to build a single-page application with client-side routing, preventing unnecessary server requests and decreasing page load speeds by 50%. This helped make it easy to navigate between job seeker and employer routes.

Project Catwalk - *Frontend Engineer*

- Built a website that allows users to pick a product, see related products, reviews, and browse through questions and answers from existing/previous customers using React.js, Node, and Express.
- Increased lighthouse performance score from 60 to 90. Decreased load times from 50ms to 5ms with compression middleware, image placeholders, and image compressions.
- Architected the React frontend service that displays a photo carousel and pop-up modal which serves data from an external RESTful API backend.

Anime Apes - *Fullstack Engineer/Web3 Developer*

- Created a Web3 website that calls functions of a smart contract using Ethers.js and Web3.js on the Ethereum Blockchain.
- Sustained 10k unique visitors and 225.26K requests at peak traffic using Cloudflare.
- Randomly generated 5000 different pictures filled with 56 photoshopped traits onto a body image and uploaded them into online file storage called ipfs.

WORK EXPERIENCE

REPS & Co.

San Diego, CA

Market Analyst

January 2019 – March 2020

- Managed a \$2.1 million portfolio of music concert tickets and brought in \$900k of total profit for the company in 2 years.
- Utilized MySQL and ModeAnalytics to sort, filter, and analyze 2 years of music concert ticket data, which helped speculate whether ticket prices would rise or fall in the future and improved business performance dramatically.
- Trained and managed a team of 3 in Mexico/Philippines to help run one of the company's most successful and profitable acquisition teams.

EDUCATION

Hack Reactor

Los Angeles, CA

Immersive Software Engineering Bootcamp

November 2021

University of California, San Diego

La Jolla, CA

Bachelor of Art in Economics

December 2018

Business Minor with a concentration in Finance

Certificates: General Assembly – Data Analytics course with Excel/SQL/Tableau