

Kevin Zhang

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Los Angeles, CA

[About](#)

[Linkedin](#)

[GitHub](#)

Education

Northwestern University

BA Economics

Experience

Software Engineer | February 2023 - Present

Perceptify

- Responsible for frontend development using Next.js in a highly variable startup environment
- Designed database schema and linked client authentication and authorization with Supabase database

Sr Financial Analyst | August 2019 - August 2021

Raytheon Technologies

- Drove team strategy by weighing the factory's production capabilities and client demands to maximize annual revenues averaging \$60 million in order to meet internal revenue, profit, and growth targets
- Analyzed program performance using SAP ERP data and proprietary Excel models to improve schedule and cost efficiency, increasing profit margins by 30 percentage points across the most efficient production lines

Projects

YapYap

[live site](#) | [github](#)

React.js, Redux, Express, Sequelize, Tailwind, Socket.io

Discord clone for the purposes of learning TailwindCSS and Socket.io

- Applied WebSocket using Socket.io to implement live chat where users can send DMs and message in rooms
- Capitalizing on React, created recyclable components across the application, simplifying the development process and making the user experience more uniform across the site

CookBook

[live site](#) | [github](#)

React.js, Redux, JavaScript, Python, Flask, SQLAlchemy

Platform for home cooks to share and discover recipes

- Implemented Python Flask API endpoints to process client requests to upload, read, and rate recipes
- Employed Redux as a repository of that data returned from the server to be accessed in O(1) time
- Used ternary statements in JSX/HTML element class name attributes for more greater granularity controlling the functionality and design of those elements, demonstrated in the search and rating components

swEtsy

[live site](#) | [github](#)

React.js, Redux, JavaScript, Python, Flask, SQLAlchemy

Marketplace for workout equipment-clone of Etsy.com

- Worked collaboratively with three other teammates utilizing trunk-based development with Git & Github
- Utilized React's built-in context, state, and prop features to pass data seamlessly throughout the applications frontend, mitigating the need for time-consuming fetch requests on each page render
- Integrated SQLAlchemy to facilitate the flow of information between server and PostgreSQL database, returning that data transformed back to the front end client