

Kevin Zhang

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Chicago, IL

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

React.js, Redux, JavaScript, HTML5, CSS3, SQL, Heroku, Python, Flask, SQLAlchemy

Projects

CookBook

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

React.js, Redux, JavaScript, Python, Flask, SQLAlchemy, HTML5, CSS3

Platform for home cooks to share and discover recipes

- Implemented four CRUD Flask server endpoints to serve the current site's functionality
- Employed Redux as a repository of that data returned from the server to be accessed in O(1) time
- Logically created a plethora of form validation conditions using a myriad of built-in JavaScript methods

swEtsy

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

JavaScript, React / Redux, CSS3, Heroku, Flask, SQLAlchemy, HTML5

Marketplace for workout equipment

- Developed Flask API routes to implement full CRUD functionality for listed exercise products
- Utilized React's built-in context, state, and prop features to pass data seamlessly throughout the applications frontend, reducing the need for time-consuming fetch requests
- Integrated SQLAlchemy to facilitate flow of information from API routes to relational database systems

Experience

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 for our most efficient production lines

Private Equity Intern | January 2017 - April 2017

NextGen Growth Partners

- Evaluated investment memoranda of SaaS companies to assess fit with the firm's investment criteria, and calculated valuations for potential acquisition targets using DCF and LBO models
- Researched industry trends and developed investment theses, resulting in proprietary outreach to companies in those attractive industries

Education

App Academy | Summer 2022

Immersive software development course with focus on full stack web development

Northwestern University | 2019 | Evanston, IL

BA Economics