

# Danny Zhou

Portfolio: <https://dzhou005.github.io/>

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## PROJECTS

### Clip It (React, Redux, Python, JavaScript, Flask, SQLAlchemy, CSS, AWS S3, Postgres)

- Implemented a video upload feature by utilizing Amazon Web Services S3 so that users can seamlessly upload videos and render the video in the main feed and on their profile page.
- Devised backend database with Python, Flask, and SQLAlchemy to effectively query the information I needed from my database and render it with React and Redux.
- Utilized Redux to access the state in order to render the necessary information needed such as videos, comments, likes and other information the user needs using React.

### QuickPics (React, Redux, Python, JavaScript, Flask, SQLAlchemy, CSS, AWS S3, Postgres)

- Fabricated api routes with Python, Flask, and SQLAlchemy that queries and accesses the correct information such as a user's likes, comments, videos, and more.
- Designed and implemented an easy to use and intuitive user interface via react and redux in order to allow users to easily submit posts, leave comments, and add likes.
- Enacted original css design in order to mimic Instagram's user friendly design and ui to give users a familiar and easy to use interface.

### Queueflood (JavaScript, Express, Pug, Postgres, CSS, Sequelize, Postgres)

- Implemented an Express backend connected to Pug templates in order to effectively query and render information in a similar design to Stackoverflow.
- Combined use of RegEx and Sequelize to effectively and quickly display user search results according to the user's search input

## LEADERSHIP

### Varsity Coach *Baldwin Park High School*

- Established a competitive and friendly environment to foster growth for all the students by setting effective practices that promoted team building, physical fitness, and mental acuity six times a week.
- Organized and managed over 30 students on the team, ensuring each student got the appropriate level of practice and organized the transportation needed for all students to attend competitions

### Assistant Store Manager *Spirit Halloween*

- Hired and screened a number of applicants to ensure the store had the right employees to optimize the effectiveness and efficiency of the store.
- Trained over 10 employees on proper store operation to ensure the utmost effective workflow.
- Facilitated the day-to-day operations of the store to make sure every employee is not only comfortable but also succeeding on their daily tasks assigned to them by me.

## SKILLS

- React
- Redux
- Python
- Flask
- SQLAlchemy
- Express
- Javascript
- HTML
- CSS
- SQL
- AWS S3
- Postgres
- Sequelize

## EDUCATION

### App Academy Dec 2020–June 2021

Intensive 1000-Hour  
immersive full-stack web  
development course with  
<3% acceptance rate

### University of California, Riverside 2015–2019

Graduated Cum Laude

B.S. in Business  
Administration,  
Management

## Language

- English
- Cantonese
- Mandarin