

Danny Zhou

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

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PROJECTS

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

- 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 needed from the 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, PostgreSQL)

- 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, PostgreSQL)

- 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 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
- Git
- PostgreSQL
- 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