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[Portfolio](#)
[Github](#)
[Linkedin](#)

SKILLS

- React
- Redux
- TypeScript
- Dojo
- Python
- Flask
- SQLAlchemy
- Node.js
- Webpack
- 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

Languages

English
Cantonese
Mandarin

Danny Zhou

I am a full-stack developer whose goal is to continuously improve and learn. With a background in management, I love working with, collaborating, and supporting other people. I have a strong passion for creating a simple idea into a tangible product through coding.

EXPERIENCE

ESRI *Software Developer*

- Constructed the user interface for features like adding a datastore through a NoSQL connection and storing a datastore through a folder with Dojo and JavaScript.
- Revamped and redesigned the functionality of features with TypeScript and React.
- Responsible for the maintenance of products such as ArcGIS Enterprise's manager and ArcGIS Enterprise's portal.

Morf3D *Software Engineer Intern*

July 2021–Nov 2021

- Built out both front-end and back-end components of the company's internal system using Flask, SQLAlchemy, SQL, Webpack, Javascript, HTML, CSS, Git and React for features like a powder inventory management system.
- Developed various features such as live machine utilization heatmaps using data from API routes created with Flask and SQLAlchemy, then rendering the data with React, HTML, and Jinja2.
- Manufactured dynamic financial visuals with Flask and React so management has on-demand detailed information about the company's financial status from a daily to yearly view.

PROJECTS

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

[Live](#) | [Github](#)

- Implemented a video upload feature utilizing Amazon Web Services S3 so users can seamlessly upload rendered videos 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.

QuickPics *(React, Redux, Python, JavaScript, Flask, SQLAlchemy, CSS, AWS S3, PostgreSQL)*

[Live](#) | [Github](#)

- 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.

Queueflood *(JavaScript, Express, Pug, Postgres, CSS, Sequelize, PostgreSQL)*

[Live](#) | [Github](#)

- 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