KYLE TSENG

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SKILLS

React.js, JavaScript, RESTful APIs, Express, PUG, Redux, SQL, Sequelize, PostgreSQL, SQLAlchemy, Python, Flask, Git, HTML5, CSS3, Heroku, Docker

PROJECTS

GoodSeeds | *(Express, JavaScript, PUG templates, PostgreSQL, RESTful APIs)*   **Live** | **GitHub**

A house plant tracking app for your personal collection of plants, inspired by GoodReads

- Used AWS S3 to implement user image uploads, reducing load on server and allowing for scalability of image services.
- Utilized PUG templates to provide structure for our HTML, allowing for a code structure that is easier to read and manage
- Managed shelf creation and plant addition CRUD through custom transactional database relations using PostgreSQL

Artygram | *(React-Redux, Flask/SQLAlchemy, Python, RESTful APIs, SQL, CSS3)*   **Live** | **GitHub**

Pseudo-social media platform focusing around artists that wish to share their works, inspired by Instagram.

- Reverse engineered the look and feel of instagram to create a nostalgic user experience
- Addition of the customized react-particles feature that adds flair to the app
- Reduced SQL table usage by 25% and heavily DRYed up backend code by implementing a one-to-many polymorphic table on the database level
- Adhered to React and ES6 best practices to generate a true single page reactive web app experience

Gamernite | *(Python/Flask, SQLAlchemy, RESTful APIs, CSS3, React-Redux)*   **Live** | **GitHub**

Eventbrite-replica focused around games, expos, tournaments and events

- Seamless implementation of various inputs and dataflow similar to Eventbrite
- Reactive posts and deletes to colorful events and their respective tickets
- Usage of SQLAlchemy for easier querying through flask backend database

EXPERIENCE

Ice Cream Confectioner

Milk Lab   Aug 2018 - Aug 2019

- Part-time position taken during sophomore year
- Proactively shifted positions to provide aid to not only ice cream but also tea, managing stock, preparing more ingredients in the back of house
- Responsible for preparing and making ice cream while also talking to customers to take their toppings order and also maintaining the cleanliness of the dining room

EDUCATION

North Carolina State University - *BA Psychology, 2017-2020*

AppAcademy - 1000+ hour long intensive bootcamp that introduced fullstack languages and frameworks such as Express, Flask, React-Redux, Python, JS, SQL, SQLAlchemy, which I used to build my projects.