

DEREK KIM

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SKILLS

Javascript, ReactJS, Redux, ExpressJS, NodeJS, PostgreSQL, Python, SQLAlchemy, Flask, HTML5, CSS3, SQL

PROJECTS

Pinstagram (ReactJS, Redux, PostgreSQL, Flask, SQLAlchemy, AWS S3)

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

A web application to upload photos, pin your favorite posts, and discover new users

- Established a connection with AWS S3 using their SDK for Python, Boto3, to employ a scalable image hosting service and host a user's images to the cloud.
- Reduced prop threading for data that will need to persist across multiple, nested components by implementing a Redux store to further improve scalability with modular Javascript design.
- Integrated image capture for users to directly upload photos captures from their webcam to a post.

Don't Forget The Milk (ExpressJS, PugJS, Sequelize, AJAX)

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

Task managing web application that helps users organize their tasks

- Emulated a single page application using AJAX and Javascript to affect individual components without reload, for a smooth user experience.
- Coordinated among a small group of developers to implement consistent coding practices and API endpoints to develop a homogeneous final project.
- Authenticated valid users to access specific features of the application utilizing JSON web tokens, to guarantee REST API security.

Reddit (ReactJS, Redux, PostgreSQL, Flask, SQLAlchemy, AWS S3)

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

Forum site where users can post images/text to separate categories

- Ensured site security through frontend and backend authentication, allowing only registered users the ability to make changes or contribute.
- Implemented a "karma" point system for users using AJAX to receive feedback on their posts, improving user engagement with the content they post.
- Created a nested comment system using a recursive algorithm, to display a visual representation of the comment tree for a clear representation of the comments.

EXPERIENCE

General Manager - Various Locations

2015 - 2018, 2019-2020

- Made executive decisions taking into consideration the goals of the team and priorities of upper management in order to solve problems efficiently, and effectively.
- Self-started projects/events, while adhering to a budget and strict timeline, while following appropriate state/local protocol.
- Communicated and coordinated among multiple teams to ensure a single vision within multiple levels in an organization.

Peer Ambassador - Clover Park Technical College, Office of Student Life

2018 - 2019

- Photographed and printed id's for 1200 students per quarter, required by every student by the college to access facilities and have access to programs such as extra curricular activities and an anonymous food pantry.
- Input, tracked, and validated records for 500 student bus passes, maintaining the integrity of processes and procedures.
- Communicated among various teams/offices to provide the best experience for students

Social Media Manager - Dancing Under the Influence Dance Team

2013 - 2014

- Recorded/edited/posted videos to be shared through social media platforms with Adobe Premiere Pro and Adobe After Effects.
- Generated 15,000+ views through social media through social media events across multiple platforms including Youtube and Facebook, to increase local awareness, find performance opportunities, and recruit new members.
- Managed schedules for practices, performances, social media campaigns, and community outreach events for 15 members.

EDUCATION

Web Development - App Academy | Winter 2020

AAS-T Digital Entertainment Design and Production - Clover Park Technical College | 2016 - 2018