Kicky Liu

(314) 309-6959   kickyliu2018@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS React, Redux, Javascript, HTML5, Python, Flask, SQL, PostgreSQL, Sequelize, SQLAlchemy, Node.js, Express, Docker, Pug

PROJECTS

Travel Bucket   (React/Redux, JavaScript, Python, Flask, PostgreSQL, HTML5, Docker, CSS, Git, Heroku)   live | github
A travel planning website to customize your trips, add events, and invite your friends.
- Developed a website with 4 **CRUD** features and quick turnaround time by improving team efficiency via streamlined responsibilities by using **git workflow** as well as **Scrum** methodologies.
- Rendered travel scheduling using **JavaScript Date Object** and **React-Redux** to deliver responsive user interaction.
- Implemented **Google Maps API** for displaying locations and optimized **PostgreSQL database** queries with an efficient many-to-many join table that allows users to search and invite others.

Doper Dog Walking Service   (React/Redux, JavaScript, Python, Flask, PostgreSQL, HTML5, Docker, CSS, Git, Heroku)   live | github
A local dog walk booking service for users to create pet profiles and book related pet services.
- Ensured user privacy through **JavaScript** frontend and **Python** backend authentication and validation measures in **React Router,** allowed users to access and add/edit/delete their own pet profiles and reservations when logged in.
- Created a custom **React-Modal** framework with vanilla **CSS** and user-centered design techniques for new forms.
- Developed a custom responsive calendar using **external API DatePicker** for users to select valid dates for reservations.
- Utilized the **WTForms** to validate user input to prevent saving malformed data, and harnessed the unidirectional state management of **Redux** to simplify **React components** and directly manage data for form inputs and form submissions.

Dope Dog Cafe (React/Redux, Javascript, HTML5, SQL, Node.js, Express.js, Pug, Sequelize, CSS, Git, Heroku)   live | github
A local dog cafe business review website for both business owners and customers to manage businesses and leave reviews.
- Configured the **Node** backend with **PostgreSQL**, using the **Sequelize ORM** for validation and database queries.
- Built reliable **REST** backend routes with **Express** and frontend with **Pug** along with **AJAX JavaScript** to asynchronously handle CRUD operations.
- Utilized **HTML5** Image Maps to allow users to select the cafe business through a photograph.

EXPERIENCE

Partner Solutions Manager | *Holler*   Aug 2019 - Apr 2020
- Oversaw business relationships with 20+ medium to large enterprises and portfolios across the industry from Android, gaming, and live streaming to social media and messaging apps such as LinkedIn and Venmo, providing API implementations and improving retention rate.
- Managed projects for complex integrations with internal and external stakeholders as the point person across different functions to optimize user engagement and maximize Holler's revenue from each partnership.
- Managed pipeline of multiple partner implementations concurrently from inception to completion, led onboarding calls with partners, provided both technical and non-technical solutions.
- Experienced in enterprise SaaS systems and top-tier system integrators. Created implementation plans and roadmaps, coordinated resources and deliverables to direct over 20 enterprise accounts to ensure completion.

Operations Management | *Tron Foundation (Formerly BitTorrent)*   Oct 2018 - May 2019
- Advised and communicated problems and progress to C-Level execs on technology, marketing, and budgeting.
- Developed strategy and architecture for clients in alignment with business plans – represented Tron in various functions and interfaced with business partners such as Binance and Coinbase.
- Oversaw business development with the Media & Public Relations Team – top media partners include: Bloomberg, CNBC, Forbes, CoinDesk, Press, Block Magazine, Korean media firms, etc.
- Facilitated process disputes with international offices and stakeholders – China satellite office, Business Development Team, Product Team, Finance Team, Human Resources Team.

EDUCATION

Full Stack Software Engineering - *App Academy | Nov 2021 - June 2022*
Master's Degree in Social Work with Scholarships - *Washington University in St.Louis | 2014 - 2016*
Bachelor's Degree in Public Administration - *Guangdong Universities of Foreign Studies | 2010 - 2014*
Project Management - *University of California, Berkeley | Spring 2018*