

# Kicky Liu

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[PORTFOLIO](#)

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**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 **CRUD** website in 4 two-week sprints using **git workflow** and **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 **React Router** frontend and **Python Flask** backend authentication and validation measures. Users were able to manage 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 integrating with **3rd party React DatePicker** component for users to select valid dates for reservations.
- Utilized **WTFORMS** to validate user input, and harnessed the unidirectional state management of **Redux** to simplify **React components**.

**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** using **AJAX** 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 user retention rate by 10%.
- 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 integrations. Created implementation plans and roadmaps, coordinated resources and deliverables to direct over 20 enterprise accounts from project inception to release.

**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.
- 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