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

Kicky's MasterMind (React, JavaScript, HTML5, CSS, Git, Heroku)   live | github
A simple front-end mastermind board game with The Simpsons' 90s Retro style.
- Developed full **interactive and immersive graphical** components including retro fonts, hover effects, sounds and animations.
- Used **JavaScript Date.Now()** to keep track of the time elapsed for each game.
- Created a custom pop-up **React-Modal** for rules section that is easy-to-reach for first-time-player.
- Disabled button functions when the player's guess input is invalid.

Travel Bucket   (React/Redux, JavaScript, Python, Flask, PostgreSQL, HTML5, Docker, CSS, Git, Render)   live | github
A travel planning website to customize your trips, add events, and invite your friends.
- Developed a **4 CRUD** website in 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 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**.

EXPERIENCE

Software Engineer | Citi Bank - *Margin Lending Team*   Apr 2023 - Now
- Implemented end-to-end development automated tool 'BlueBox' that serves Private Bank clients, designed to revolutionize workflow efficiency in the credit underwriting process. BlueBox targeted a transformation of manual processes, reducing data entry and approval times.
- Led strategic financial management for 2024 cross-functional projects, overseeing a $22 million annual budget allocation. Successfully collaborated with team members to allocate funds efficiently, optimize resource utilization.

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.

EDUCATION

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