Lam, Kathryn Wing Ki

Edgewater, NJ | 929-274-3981 | katwingki@gmail.com
linkedin.com/in/kathrynlam | github.com/katwingki | https://katwingki.github.io/portfolio/

TECHNICAL SKILLS
- **Proficient:** JavaScript, Node.js, Express.js, REST API, Git, React, Redux.js, React Native, Expo, HTML, CSS, JQuery, Sequelize.js, OAuth, PostgreSQL, Agile Software Development, TypeScript
- **Knowledgeable:** Mocha, Chai, Jasmine, Heroku, Firebase, Cloud Firestore, AWS RDS
- **Some experience:** Python, R

ENGINEERING PROJECTS
Custom Internal Business Application| Developer   Feb 2020
An internal application that is tailored to optimize client's work efficiency
- Design and build an internal management system based on the client's workflow from scratch
- Write RESTful APIs endpoints to supply the frontend with relevant data via React-Redux Hooks
- Technologies: PostgresSQL, Node, Express, React, Redux Hooks, Material UI, and TypeScript

BrainTeez | Developer | https://github.com/team-g-capstone   Oct 2020
An educational mobile application that provides various leveled games and real-time multiplayer game room
- A universal native application for Android, iOS, and the Web with JavaScript and React
- Responsible for Firebase Authentication and Cloud Firestore
- Technologies: Firebase, Firestore, React Native, and Expo

Minions AI | Solo Developer | https://github.com/katwingki/FirstExpo   Oct 2020
A fun and straightforward artificial intelligence mobile application that test kids' basic knowledge
- Created a React Native application in Expo based on documentation
- Integrated with neural network-based Brain.js library
- Technologies: React Native, Expo, and React

HYKM's Bookstore | Developer | https://hykm-bookstore.herokuapp.com   Sep 2020
A mock fully functional e-commerce website selling textbooks with enhanced admin and security features
- Set up authentication with Google using OAuth
- Deployed to Heroku via Travis CI
- Technologies: Node.js, PostgresSQL, Sequelize, Express, React, and Redux

WORK EXPERIENCE
Software Engineering Teaching Fellow | **Fullstack Academy**, New York, NY   Nov 2020 - Feb 2021
- Mentored, supported, and taught over 50 students through office hours and team lunches
- Guided students on JavaScript fundamentals, debugging strategies, and software architecture
- Acted as an Agile Project Manager for teams of 3-4 junior developers
- Administered technical interviews for prospective students applying to the program

Owner | **Buffalo Vitamin Outlet**, Multiple Locations   Oct 2008 - Jul 2018
- Expanded to 3 retail locations within the first five years
- Set up and maintained the network for the Point-of-Sale System
- Customized over 20+ products, including designing printed marketing materials and website

EDUCATION
- **Fullstack Academy Grace Hopper** | *Certificate in Fullstack Web Development*
- **University at Buffalo** | *Master of Science in Pharmaceutical Science*

LANGUAGES
- **Chinese Mandarin and Chinese Cantonese**

CITIZENSHIP
- **United States of America Citizen**