

Lam, Kathryn Wing Ki

Edgewater, NJ

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
- ❖ **Knowledgeable:** Mocha, Chai, Jasmine, Heroku, Firebase, Cloud Firestore
- ❖ **Some experience:** Python, R

ENGINEERING PROJECTS

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 simple and fun artificial intelligence mobile application that test kids' basic knowledge

- ❖ Integrated with neural network-based Brain.js library
- ❖ Normalized training data with Natural 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

- ❖ Deployed to Heroku via Travis CI for continuous integration
- ❖ Set up authenticate React with Google using OAuth
- ❖ Technologies: Node.js, PostgreSQL, Sequelize, Express, React, and Redux

WORK EXPERIENCE

Software Engineering Teaching Fellow | **Fullstack Academy**, New York, NY

Nov 2020 - Feb 2021

- ❖ Mentor, support and teach over 50 students through office hours and team lunches
- ❖ Guide students on JavaScript fundamentals, debugging strategies, and software architecture
- ❖ Act as an Agile Project Manager for teams of 3-4 junior developers
- ❖ Administer technical interviews for prospective students applying to the program

General Manager | **Owl Tours**, New York, NY

Dec 2013 - Dec 2019

- ❖ Managed a network of 100+ partnerships throughout the United States and China
- ❖ Collaborated with vendors and affiliates on designing new tour packages
- ❖ Analyzed quarterly financial reports to evaluate the company's performance

Owner | **Buffalo Vitamin Outlet**, Multiple Locations

Oct 2008 - Jul 2018

- ❖ Expanded to 3 retail locations within the first 5 years
- ❖ Set up and maintained the network for the Point-of-Sale System
- ❖ Customized over 20+ products including designing printed marketing materials and website
- ❖ Held monthly seminars for employees and customers to update product information

EDUCATION

- ❖ **Fullstack Academy Grace Hopper** | Certificate in Fullstack Web Development
- ❖ **Harvard Extension School** | Certificate in Data Science (In progress)
- ❖ **University at Buffalo** | Master of Science in Pharmaceutical Science

LANGUAGES

- ❖ Chinese Mandarin and Chinese Cantonese