KATHRYN WING KI LAM

Edgewater, NJ | **P:** 929-274-3981 | **E:** katwingki@gmail.com
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TECHNICAL SKILLS

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

ENGINEERING PROJECTS

BrainTeez | *Developer* | https://github.com/team-g-capstone
An educational mobile application that provides various leveled games and real-time multiplayer game room
- A universal native application for Android, and iOS
- Implemented Firebase Authentication and NoSQL Cloud Firestore without prior knowledge
- Technologies: Firebase, Firestore, React Native, and Expo

Minions AI | *Solo Developer* | https://github.com/katwingki/FirstExpo
A fun and straightforward artificial intelligence mobile application that test kids' basic intelligence
- 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://github.com/HYKM/graceshopper
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.js, Express.js, React.js, and Redux.js

ARTICLES

Expo Firebase Authentication & Cloud Firestore Using async/await & React Hooks | https://bit.ly/2Pjb9zM
- A step-by-step tutorial on how to implement Firebase Authentication in Expo framework.

EMPLOYMENT

Contract Fullstack Developer | Collegiate Gateway, New York, NY   02/21-04/21
- Design and build a management system based on the company's workflow from scratch
- Write RESTful APIs endpoints to supply the frontend with relevant data via React-Redux Hooks
- Increase work efficiency by 70% through automated report generation

Software Engineering Teaching Fellow | Fullstack Academy, New York, NY   11/21--2/21
- 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

Owner | Buffalo Vitamin Outlet, Multiple Locations   10/08 - 07/18
- 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

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

LANGUAGES

- Chinese Mandarin and Chinese Cantonese