

# ERIC SAI KIT CHEUNG

## SOFTWARE ENGINEER | FULL STACK DEVELOPER

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Minty fresh coder and design fanatic, creative problem solver and gourmet glutton.

### SKILLS

**Proficient:** JavaScript, React, Redux, Ruby, Rails, HTML, CSS/SASS, Adobe Creative Suite

**Practical Knowledge:** TypeScript, Node, Express, MongoDB, Angular, AWS, Bootstrap, Material, Semantic

### TECHNICAL PROJECTS

**CURBALERT • May 2020 • [Frontend](#) | [Backend](#) • [curbalert.netlify.app](http://curbalert.netlify.app)**

Users can post images & details of unwanted items onto a public map. Built with Javascript, React & Redux, Ruby on Rails, PostgreSQL, React Router, Geolocation, Google Geocode & Directions, Leaflet, AWS S3.

- Engineered codebase synchronizing Geolocation & Google Geocode API to obtain user coordinates. Decoded polyline points from Google Directions API to draw directions between user and item.
- Collaborated functionality between AWS S3 Cloud & Rails Active Storage to store user images.

**HANGOUTS • April 2020 • [Frontend](#) | [Backend](#)**

Users can plan meetups at location calculated to be mutually close distance between all participants. Built with Javascript, React, Ruby on Rails, PostgreSQL, React Router, Geolocation, Google Geocode, Leaflet.

- Implemented YELP Search API for restaurant suggestions in RESTful Rails backend.
- Composed code to calculate midpoint location between groups of users from coordinate data.

**KARA-OK! • March 2020 • [Codebase](#)**

Users can search & save song lyrics to personalized playlists. Built with Ruby, Rails, PostgreSQL, Lyrics API.

- Architected RESTful Rails backend to store song & lyric data for authenticated user profiles.
- Integrated Lyrics API allowing users to search for songs with catch/rescue function.

### EXPERIENCE

**Freelance Web Developer / UI Designer • HIES INC • July 2020 - August 2020 • [hies.netlify.app](http://hies.netlify.app)**

Built company website for HIES Inc. using Javascript, React & Redux, SASS, PIXI.js, EmailJS, React Router

- Designed UX/UI. Created & edited images using Adobe Photoshop.
- Organized company's list of over 20 services into 4 categories allowing website to be manageable, and added a keyword search feature for users to conveniently search services.
- Incorporated PIXI.js to run custom script creating realistic water motion effect on hero image.
- Utilized React Router for URL page routing, and EmailJS for personalized contact form.

**Restaurant Owner / Sole Proprietor • BANZAI PHRESH • April 2016 – June 2018**

Owned & operated restaurants at Smorgasburg Market, New York, and Ala Moana Mall, Hawaii.

- Resolved logistical problems including product quality management, restaurant design, inventory deadlines, and time management.
- Averaged 150 customers a day, maintained 30% profit margin with 4.5 star reviews on YELP.

**Author / Writer • KINGS OF FORTUNE • 2014 – 2015**

Self-published an action / adventure fiction novel.

- Awarded 5 stars on San Francisco Book Review, 4 stars on Portland Book Review, and featured review on Kirkus magazine.

**Previously – Manager • BIGEYE SUSHI • 2019 & English Teacher • JIBUN MIRAI • 2013**

### EDUCATION

**FLATIRON SCHOOL | NY**

FULL STACK WEB DEVELOPMENT

February 2020 – June 2020

- Collaborative development with Javascript, React, Redux, Ruby, Rails, SQL, PostgreSQL

**SOKA UNIVERSITY OF AMERICA | CA**

BACHELOR OF ARTS

August 2008 – May 2012