ERIC SAI KIT CHEUNG

SOFTWARE ENGINEER | FULL STACK DEVELOPER

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A design fanatic, creative problem solver, and gourmet glutton. Compulsive coder, trilingual author, and business owner.

SKILLS

Proficient: JavaScript, React, Redux, Ruby, Rails, HTML, CSS/SASS, Adobe Creative Suite
Knowledgeable: TypeScript, Node, Express, MongoDB, Angular, AWS, Bootstrap, Material, Semantic

TECHNICAL PROJECTS

CURBALERT • May 2020 • <u>Frontend</u> | <u>Backend</u> • 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 • <u>Frontend</u> | <u>Backend</u>
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 • <u>Codebase</u>
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 • MIKI HOUSE America • September 2020 – Present
Develop features for company's Shopify store using Liquid, Javascript, and CSS.
- Implemented Limespot application to create personalized related and recommendation items feature.
- Refined code to correct search feature filters and adjusted UI for better experience.

Contract Web Developer / UI Designer • HIES INC • July 2020 - June 2020 • hies.netlify.app
Delivered codebase of company website built with Javascript, React & Redux, SASS, PIXI.js, EmailJS, React Router.
- Designed UX/UI. Created & edited images using Adobe Photoshop. Optimizing SEO as priority.
- Optimized company's website manageability, and added a keyword search feature for users.
- 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 Review, 4 stars on Portland Review, and featured on Kirkus magazine.

Previously – Manager • BIGEYE SUSHI • October 2018 – November 2019

EDUCATION

FLATIRON SCHOOL | NY	SOKA UNIVERSITY OF AMERICA | CA
FULL STACK WEB DEVELOPMENT	BACHELOR OF ARTS
February 2020 – June 2020	August 2008 – May 2012