

LING LU

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SOFTWARE DEVELOPMENT SKILLS

Languages - JavaScript, Ruby

Frameworks & Tools - NodeJS, ExpressJS, ReactJS, ReactNative, Redux, Strapi, Docker, Rails, AngularJS, Vagrant

Database - MongoDB, PostgreSQL, Firebase

Libraries - jQuery, Masonry, Bootstrap, Flexbox

Portfolio at - jojoucsd.github.io

FREELANCE SOFTWARE DEVELOPER

After 7 years working in sales and customer services, I took on a journey to become a software developer, between self-taught and short-term classes. I realize the ability to learn is a skill, and the willingness to learn is a choice; I am always learning. Presently, I design and implement web/mobile interface and database using the latest technologies.

SELECTED PROJECTS & JOBS

MissionALPR - <http://missionalpr.com>

An informative webpage to introduce CMC-TECH's latest Automatic License Plate Recognition devices and software. I developed the front-end UI and worked with back-end engineers to resolve compatibility between Javascript and PHP, improved the performance of the software's command line system and understood the mechanic of imaging recognition and machine learning on Raspberry Pi.

PeckBox - <https://www.peckbox.co/>

An all-purpose organizer app with a custom dashboard that allows a user to populate notes, tasks, and events in notecard format. Comments can be nested in each notecard similar to a blog post with color codes options. PeckBox also supports multiple users functionality that allows users to collaborate. Key technologies used such as Javascript, AngularJS, Mongoose, MongoDB, Express, bcrypt, JWT, SSL, Google Maps API, New York Times API, Weather underground API, Dark Sky(forecast.io) API ...

High-Five - <https://high-five-app.herokuapp.com/>

A mobile, responsive Ruby on Rails app that allows people to send and receive compliments in public areas. Uses Google Maps API, active notification, and searches of users' current locations. Also uses Twilio's API and web sockets to turn any laptop/desktop into an SMS endpoint that can communicate to any SMS device. Applied filtering functionality and authentication and authorization with bcrypt. I wrote the database schema, endpoint routes, Active Record search polling method and geo-aware architecture.

D2R - <https://d2r.herokuapp.com/>

A meetup management app is written in NodeJS for non-profit organizations and volunteers. Its purpose is for networking and community building. I built a calendar with a filter function, used jQuery UI library, and implemented Auth0's JWT log-in token. Other highlights of my contribution were the back-end, data structures, MongoDB interface manipulation, and endpoint routing.

SELECTED WORK EXPERIENCES

LendingCar Inc. - <https://www.lendingcar.com/>

San Mateo, CA August 2017 - June 2018

Fullstack developer of both web and mobile. Major contribution on iOS and Android compatibility and deployment, implementation of front-end UI design, enhance API functionality and modification of back-end data structures and algorithms.

Cmc-Tech Inc.

Houston, TX, January 2016 - July 2017

Front-end developer involved in ALPR software and product development, associated with customer relations and sales support, performed automated product testing and software debugging.

PlateSafe

February 2016 - Present

A restaurant finder mobile app that catered to people with food allergies. Built the iOS prototype on mobile used ReactNative/Redux and Firebase backend with Facebook/Google+ back-end OAuth. Data filtering and search algorithms implemented in the prototype.

Napa Wine Exporter

August 2012 - Present

An entrepreneurial buyer of Robert Mondavi, Opus One, Cline and Jacuzzi wineries for US and East Asia customers. Organized international orders, managed inventory and shipped average \$100,000 market value wines annually.

Testlio

April 2015 - February 2016

Tester for CBS Interactive, Microsoft Outlook and Flipboard Chinese on iOS. Discovered bugs including localization, protocol, and user experience issues.

1. CBS Interactive : incompatibility bugs syncing with Apple TV, URL embed error when posting on social media
2. Microsoft Outlook: IMAP emails(AOL) can not automatic load events in Outlook calendar and Google calendar
3. Flipboard Chinese on iOS: translation correction, grammar and syntax improvement

EDUCATION

Web Development Immersive
Environmental Sciences - Natural Resource Management
Electrical Engineering

General Assembly (GA), December 2015
San Francisco State University (SFSU), June 2015
University of California San Diego (UCSD), June 2006

Personal

Language: Fluent in Cantonese, Mandarin and English

Hobbies : Enjoys Swimming, Hiking and Movies