

# JT Lu

Full Stack Developer | Software Engineer

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## EDUCATION

### Master of Science in Computer Science (Paused)

University of Southern California

08/2019 – Present

Los Angeles, CA

### Software Engineering - Full Stack Web Development

Flatiron School

02/2020 – 07/2020

Denver, CO

### Bachelor of Science in Mechanical Engineering, Minor in Japanese

University of Colorado Boulder

08/2016 – 05/2018

Boulder, CO

## WORK EXPERIENCE

### Student

Flatiron School

02/2020 – 07/2020

Denver, CO

#### Achievements/Tasks

- 21 Week Intensive – Full Stack Web Development
- Frontend: JS fundamentals (ES6+), HTML5, CSS3, Component Pattern, React.js
- Backend: Ruby fundamentals, MVC pattern, Rails, SQL, ORMs, Active Record, Ruby on Rails

### Optics Technician

Snap Chat

07/2018 – 07/2019

#### Achievements/Tasks

- Accomplished various test scenarios by changing features like light fixtures and other camera parameters via Bash scripts
- Analyzed Ambient Light Sensor (ALS) data with Matlab
- Designed optical test stations via Solidworks and their prototypes via 3D printing

## TECHNICAL SKILLS

JavaScript

HTML5

CSS3

React.js

Vue.js

React Native

Bootstrap

SQL

Ruby on Rails

Responsive Web Design

Mobile Web Design

## TECHNICAL PROJECTS

Teamfight Tactics Webpage - an auto-played chess game (07/2020 – 07/2020)

- Built a website for Teamfight Tactics (TFT) to introduce TFT
- Deployed various CSS3 features like embedded video, hover, transition, transform and animation
- Frontend: HTML5 & Vue.js. Backend: Ruby on Rails
- Website can be visited at [mimictft.web.app/](http://mimictft.web.app/)

Lengeds of Runeterra Webpage – a digital collectible card game (06/2020 – 06/2020)

- Built a website for Lengeds of Runeterra (LoR) to introduce this game to potential gamers
- Deployed various JavaScript functions like search, filter, add and remove cards, and update comments
- Frontend: HTML5 & JavaScript. Backend: Ruby on Rails

PinYouGou – an online shopping website (Chinese) (06/2020 – 06/2020)

- Built a shopping website with main page, product page and register page to demonstrate technical ability in complex webpage design
- Frontend: HTML5 & CSS3
- Website can be visited at [pyg-shopping-website.web.app/](http://pyg-shopping-website.web.app/)

Puppy Finder – an app that matches you with your purrfect friend (05/2020 – 05/2020)

- Built an app that imported a puppy API and a location API
- Enabled this app to match a potential dog owner with a puppy based on location and puppy's personality
- Frontend: HTML5 & JavaScript. Backend: Ruby on Rails

## LANGUAGES

Mandarin - Chinese

Native or Bilingual Proficiency

Japanese

Limited Working Proficiency