

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/

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

- Built a website for Legends 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/

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