

# Qianhao Luo

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GitHub: [github.com/law-chain-hot](https://github.com/law-chain-hot) | Portfolio: [law-chain-hot.github.io/homepage](https://law-chain-hot.github.io/homepage)

I have done several small projects during this period, understanding basic data structures, algorithms, and JavaScript (ES6) principles.

I have a good aesthetics for color matching, loves front-end technology, and has determined to develop it as a formal career.

I hope to apply for a front-end intern in the summer of 2020 from the end of May to the end of August.

## EDUCATION

**University of Illinois at Urbana-Champaign:** *M.S. in Agricultural & Biological Engineering* Expected Graduation: Dec 2020

- Relevant Coursework: Data structure(A), Artificial Intelligence(A-), Data Mining(A-) GPA: 3.68/4.0

**Jiangsu University, China:** *B.S. in Energy & Power Engineering* Sep 2015 - Jan 2019

- Outstanding Graduates (5%) Rank: 3/59 GPA: 89.5/100

## SKILLS

**Intermediate:** HTML5, CSS3, JavaScript (ES6), Python, C++, Git

**Beginner:** Bootstrap, LESS/SCSS, jQuery, React.js, Webpack, Babel, Gulp, NodeJS, MySQL, MongoDB, NPM

## PROJECTS

**Restaurant Homepage / Llama Homepage** Dec 2019 - Jan 2020

*Bootstrap, Responsive Design, SCSS, Gulp, jQuery, HTML, CSS, JavaScript*

- Provided detailed information about the restaurant homepage page, about page, and contact page
- Facilitated responsive layout and design with Bootstrap, Sass, and Gulp
- Features: Carousel, Navigation and Navigation Bar, Breadcrumb

**Recipe Search Website** Nov 2019 - Dec 2019

*Webpack, Babel, Axios, Forkify-API, HTML, CSS, JavaScript*

- Built a website for user to search recipes by plain JavaScript
- User changes the serving of a certain recipe and gets the corresponding amount of ingredients
- Implemented likes button enables the user to add specific recipe into likes, which allow the user to quickly find it via localStorage when user reload the website next time
- Features: pagination, adding an item into likes, adding/deleting ingredient, localStorage

**Sale Display Website** Oct 2019 - Nov 2019

*Node.js, Nodemon, JSON, HTML, CSS, JavaScript*

- Displayed the sale website of each item and provided detailed information about each item
- Feature: Node.js HTTP Module, JSON data

**Pig-Game** Oct 2019 - Nov 2019

*HTML, CSS, JavaScript*

- Programmed classical 1950s Pig Dice Game with two play modes

**Budget Calculator** Oct 2019 - Nov 2019

*HTML, CSS, JavaScript*

- Designed a single-page for the user to calculate the budget of each month for income, expenses and the proportion
- Features: deleting item, key-press with enter

## OTHER EXPERIENCES

**University of Illinois at Urbana-Champaign** Champaign, IL, USA

*Data Mining Project* Jan 2019 - May 2019

- Created datasets of large DNA sequences using Python and planted sites at a random location
- Developed a motif-finder to find the motif and evaluated the motif-finder

**Publication** October 2018

- Feng Y, Luo Qianhao, Wang Q, et al. *Entropy and Entransy Dissipation Analysis of a Basic Organic Rankine Cycles (ORCs) to Recover Low-Grade Waste Heat Using Mixture Working Fluids*[J]. **Entropy**, 2018, 20(11): 818. (2018)