# Sheng Ma

**Projects:** https://masheal.github.io/ | shengma2019@u.northwestern.edu |573-554-6387

## EDUCATION

| | |
|---|---|
| **Master of Science: Computer Engineering** | **Sep. 2017 – Exp Dec. 2018** |
| Northwestern University | Evanston, IL |
| **Bachelor of Science: Electrical Engineering** | **2015 - 2017** |
| University of Missouri - Columbia | Columbia, MO |
| **Bachelor of Science: Automation** | **2012 - 2015** |
| East China University of Science and Technology(ECUST) | Shanghai , China |

## WORK EXPERIENCE

| | |
|---|---|
| **Software Developer Intern (Front-end)** | **Jun– Sep 2018** |
| **IFLYTEK(HTML,CSS,JavaScript(Vue),Git,SVN)** | **Hefei,Anhui,China** |

- Developed the front-end part of a Pizza Order Single-Page Application.
- Wrote Single-Page Application in Javascript (Vue.js) to realize the functions such as page switching, login, register, price calculation, data communication with backend.
- Used Git and SVN to cooperate with other teammates.

## PROJECTS

| | |
|---|---|
| **Human & Computer Interaction, Evanston, IL** | **Jan – Aug 2018** |

*Photo Blog* **(JavaScript, HTML, CSS, Semantic, Express, Nodejs,Mongdb,AWS,RESTful)**

- http://ec2-13-59-249-208.us-east-2.compute.amazonaws.com/blog
- User is able to interact with this blog, such as add post, edit post, and delete post.
- Used nodejs and MongDB to manage the data to interact with front-end.

*Press Any Key* **( howler.js, paper.js, JavaScript, HTML, CSS)**

- https://masheal.github.io/Circles/Circles.html (hint: Just press any key on your keyboard)
- Designed a little toy with howler.js and paper.js. By pressing different keys, circles with various of colors are generated all over the screen with random locations, and fadeout immediately.

*To Do List (*jQuery, HTML, CSS*)*

- https://masheal.github.io/ToDoList/index.html
- Built a To Do List with jQuery, HTML and CSS. With the help of jQuery, operations such as cross out, delete, add are implemented. Meanwhile, the fade in and fadeout effect of input row and delete icon are implemented as well.

*Color Guessing Game (*JavaScript, HTML, CSS*)*

- https://masheal.github.io/colorGuessingGame/colorGuessingGame.html
- Built a Color Guessing game with JavaScript, HTML and CSS. With the use of JavaScript, player can choose either hard mode or easy mode, which will make the number of squares from 6 drops to 3. Also, the value of RGB and color of squares are generated randomly. What's more, fadeout and fadein effect are enabled when player choose the wrong or right answer.

| | |
|---|---|
| *Website Design (*JavaScript, HTML, CSS, Bootstrap*)* | **Jan– Mar 2018** |

- https://masheal.github.io/lifelongLearningWeb/main_page.html(username:shengma2019@u.northwestern.edu password:123)
- Designed a lifelong learning website. Bootstrap is applied to design the style of the website.
- Twitter timeline is embedded inside the website.
- Youtube video is embedded for user to watch video without going to www.youtube.com.
- https://masheal.github.io/ (lifelong learning website: username: shengma2019@u.northwestern.edu password:123)

## SKILLS

- Java, Python, HTML, CSS, JavaScript(Vue, jQuery, Node)