Sheng Ma

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Seeking for software engineer (University Graduate)

EDUCATION

Master of Science: Computer Engineering	**Sep. 2017 – Exp Dec. 2018**
Northwestern University	Evanston, IL
GPA 3.25/4.0	
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

SKILLS

- Back-end Skills: Java, Python, SQL
- Front-end Skills: JavaScript(Vue, jQuery),HTML, CSS, Bootstrap, JSON
- Tools: Git, SVN, Eclipse, IntelliJ

WORK EXPERIENCE

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

- Developed Car Interfaces with **Vue.js ,H5, CSS less, element-ui** to meet the new requirements of UI and UE.
- Applied **axios** to communicate with backend apis to obtain data.
- Used vue-router to show correct view of specific URLs.
- Applied vue modules in programming to make code more clean and easier to read.
- Used vuex to establish channels between parent and child components, so as to make communications on data between each components easier and more efficient.
- Wrote code according to object-oriented principles to lower the difficulty for future maintance.
- Used **Git** and **SVN** to cooperate with other teammates. SVN is used to fetch the latest UI and UE files. Git is used to fetch the latest code.

PROJECTS

Database System (SQL, Java)   **Sep 2018– Nov 2018**

- Built a database client with **SQL** and **Java** that implements subset of the functionality provided by Northwestern Casesar's academic system，such as login with username and password, student menu, transcript, enroll, withdraw, personal details.
- Applied **JDBC** api to connect Database client with database, and help the client to communicate with the database.
- **Maven** framework is used for the project to make maintenance easier.
- Implemented triggers to make a warning message shown on the screen when enrollment number goes below 50% of the MaxEnrollment.

Pizza Order System (Vue, JQuery, HTML, CSS)   **Jun – Sep 2018**

- Developed the front-end part of a Pizza Order Single-Page Application based on **webpack-simple**.
- Wrote Single-Page Application in Javascript (**Vue.js**) to realize the functions such as page switching, login, register, price calculation.
- Applied **Axios** to communicate with backend api to acquire specific data.

*Color Guessing Game (*JavaScript, HTML, CSS*)*   **Jan – Aug 2018**

- 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.