

# Emily(Qian) Zhang

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## SUMMARY

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- ❖ 4 years professional experience in **User Interface (UI) / Front End development**.
- ❖ Excellent in UI application development using **HTML5, CSS3, JavaScript, JQuery**.
- ❖ Experience in CSS3 preprocessors styling such as **SASS** and **LESS**.
- ❖ Good understanding of the backend knowledge such as **Java, Node.js** and **PHP**.
- ❖ Expert in framework such as **Angularjs, Angular2.0, Reactjs**.
- ❖ Advanced knowledge with **SOAP/REST web service** for data-intensive and complex analytic systems desired.
- ❖ Proficient in **Twitter Bootstrap** framework and building **responsive** website for different devices.
- ❖ Familiar with **JSON** and **XML** data process with **AJAX** technology.
- ❖ Experience with Unit Testing such as **Jasmine, Karma**.
- ❖ Familiar with **Grunt/Gulp** task runner to manage project and **Bower/npm** package manager to install libraries such as **jQuery** and **Bootstrap**.

## PROFESSIONALEXPERIENCES

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**PCH** Jericho, NY **Front End Developer** 05/2017-present

Frontpage website is the platform which you can earn tokens and has a chance to win cash through watching the videos, news, weather, playing games and so on.

- Responsible for the style on the mobile and desktop/tablet using **CSS media query, Bootstrap**.
- Implemented the functionality on uninv bar, menu bar and progress bar using **Javascript**.
- Used **AJAX call and Promise** to parse latest **JSON** data from API.
- Worked under **Agile (Scrum)** methodology to ensure goals are accomplished through the delivery of high quality releases.
- Collaborated with **AWS** web services such as EC2 instances, elastic load balancer, DynamoDB and S3.
- Worked on **JWPlayer**, used API to integrate and customize JWPlayer to fully fit video page.
- Collaborated with the backend **PHP Laravel** framework using blade template.
- Used **Jasmine** and **Karma** to achieve Unit Testing for Javascript.
- Applied **npm** to packages install and **Grunt** for task runner.

**Technomax, LLC** Princeton, NJ **Full Stack Developer** 05/2016-05/2017

Products management system is a platform to present the different products. Customers can add, edit and delete products they want.

- Used **HTML5** new elements: <nav>, <header>, <footer>...to structure the main page.
- Styled all the elements and adjusted the elements' position by **CSS**.
- Based on **MVC** pattern, used **AngularJS** framework to develop **Single Page Application (SPA)**; used **ui.router** to let application access be navigated to different pages.
- Wrote reusable **custom filter** to sort output data by different parameter.
- Applied **Bootstrap grid system** to build **responsive** webpage that fits various devices with different screen size.
- Accessed server side to collect product information with **AJAX** and **JSON** using **http** service in **AngularJS**.
- Consumed **RESTful** web service to fetch **JSON** responses from the server side and processed the data into required format.
- Used **Mongodb** as database and **Nodejs** as backend.
- Worked under **Agile (Scrum)** methodology to ensure goals are accomplished through the delivery of high quality releases.
- Used **Jasmine** and **Karma** to test functionality ensure the output is satisfied to expectation.
- Applied **npm** to packages install and **Grunt** for task runner such as compilation, unit testing, minification.

Design and implement UI architecture for the official website.

- Participate in development of **JavaScript**, **jQuery** in conjunction with **HTML**, **CSS3**.
- Create responsive user interface to fit different size devices with **Bootstrap**.
- Access server side to collect project information with **AJAX** and **JSON**.
- Implement this application in **MVC** architecture with **AngularJS**, and associate all the **models**, **controllers**, and **views**.
- Beautify the application layout and make every feature clear, smooth, and easy to access by using **CSS**.
- Use version control tools **Git** to update the project with other team members.
- Watch project changes with **Grunt** task runner and install latest version of libraries with Bower based on running in the **Node.JS** environment.

**Beijing Startimes Software Technology co, LTD**   Beijing, China      **UI Developer**      **02/2012-08/2013**

Flexible Billing System provides customer services such like activation, deactivation, ordering products, transfer phone number, add money to account and add new credit/ debit card to set up Auto Recharge or make one-time payment.

- Designed and implemented the application based on **MVC** architecture.
- Received business logic specifications and design documents, and translated them into **HTML5**, **CSS**, and **JavaScript**.
- Used **AJAX** to retrieve information as **JSON** data from **Restful** web service.
- Designed dynamic client-side **JavaScript** modules to build web forms and performed simulations for web application, page navigation and form validation.
- Implemented the plan quote function in the plan search section by **AJAX** and **JSON**.

**EDUCATION**

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M.S.in Computer Science. GPA: 3.5	Western Michigan University, Kalamazoo, MI	09/2013 - 12/2015
M.S.in Computer Science. GPA: 3.3	Xi'an Polytechnic University, Shaanxi, China (Scholarship)	09/2007- 05/2010
B.S.in Computer Science. GPA: 3.65	Xi'an Polytechnic University, Shaanxi, China (Scholarship)	09/2003 - 07/2007