

Shijie Zhou

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WORK & LEADERSHIP EXPERIENCE

Midnight Management Service Group. L.L.C.

Salt Lake City, Utah

Software Engineer

Jan.2019 – Present

- Experienced in website development life-cycle including design, development, implementation, release, unit test, re-factoring, maintenance, data deduplication, multithreading, and memory management.
- Used testing tools/framework - Katalon Studio, Cucumbers, Mocha and Sinon that ensure the quality of scripts
- Scaled application with providers like Kubernetes/Docker, Azure, AWS, and included multiple deployment points in different servers in order to prevent internet throttling.
- Designed Adapters Pattern and Factory Pattern in an application in order to swap out container easily.
- Collaborate with teams by using Agile software methodology and Scrum for managing a process.

Spotlight Home Tours, Inc.

Salt Lake City, Utah

PHP Developer

May.2018 – Dec.2018

- Developed web-based (MVC) applications with PHP 5/7, MySQL, NoSQL, XML, DHTML, XHTML, ColdFusion and Ajax Technology solution within cross-domain compatibility issue.
- Extensive experience in developing professional User Interactive (UI) of Web applications with the help of HTML5, Bootstrap, JavaScript, RWD (Responsive Web Design), JQuery, Cascading Stylesheets 3. Developed RESTful API layers that generates JSON data to export events recommendation and Geo-based post search.
- Having knowledge of frameworks React Native, Zend framework, Laravel to handle with mobile applications.
- Deployed server on AWS Cloud(EC2)/GCP(Firebase) to handle 200 queries per second tested by Apache JUnit.
- Ability to use Geo-Location API, Social Media API, OAuth2.0 Framework, mobile SDKs, and JSON Web Token (JWT) and authentication services.

The Worldview Project

San Diego, California

PHP/Web Developer

June.2017 – June.2018

- Performed and developed large validation forms using HTML5, CSS3, JavaScript, JQuery, AJAX, JSON.
- Extensive experience in designing and implementing various web applications in both WAMP (Windows, Apache, MySQL, PHP), LAMP (Linux, Apache, MySQL, PHP) environment.
- Designed and built Object-Oriented Programming, Data-Driven JavaScript working prototypes of web applications. Boosted performance of websites by creating Test (JUnit, JMeter) with log information.
- Extensively used JavaScript to a provide dynamic User Interface and for the client side validations.
- Understood of common functional design patterns, algorithms, npm, ES6, Ejs, JSX, node.
- Experienced worked on the full stack of web developing tools to create GUI using JQuery and AJAX methods.
- Used Rally for tasks tracking and follow up with user stories and used Git/Github for Version Controlling.
- Implemented business logic with solid PHP scripts to interface with a MySQL database.

PROJECT

Telesignalization - UCSD

Jan 2018 – March 2018

- Using Processing application to produce the data visualization and applied OpenCV library in Java.
- Programming an algorithm that is entirely automatic computation the intimacy levels based on measuring distance and motion detection by camera.

EDUCATION

University of California, San Diego

La Jolla, California

Bachelor of Arts in The Disciplinary Computer & Arts

Sept 2015 – March 2018

- Relevant Coursework: [Programming Language Structure, Probability & Statistics, Database Design]

SKILLS & QUALIFICATIONS

Languages: Proficiency in Mandarin and Cantonese; Fluent in English;

Interests: Bitcoin Trading, ebay Sale, Solo Adventure, Scuba diving, Skydiving, and Arduino/Raspberry Pi Project