

Shijie Zhou

68 E 200 N, Unit 15, Salt Lake City, UT 84103, USA | (253)204-3188
shz145@ucsd.com | <https://github.com/shijiezhou1>

WORK & LEADERSHIP EXPERIENCE

Midnight Management Service Group. L.L.C.

Salt Lake City, Utah

Software Engineer

Jan.2019 – Present

- Responsible for continued feature enhancement to our financial support team which processes over 400 million worth of transaction per year, using Emberjs, Babeljs, Restifyjs, on top of a Nodejs RESTful/gRPC tier
- Prototyped the static illustrator files into Handlebar elements proficiency, and mockup most of the diagrams – PlantUML, Wire Frame, Use Case, Class Diagram, and Scene interaction in Visual Paradigm.
- Used testing tools/framework - Katalon Studio, Cucumbersjs, Mocha and Sinon that ensure the quality of scripts
- Developed DDos prevention by adding rate limiting feature based on token with leaky bucket algorithm.
- Deployed the NGINX ingress controller in Kubernetes cluster to round robin mode as the load balancing mode
- Utilized Agile/Scrum methodologies through weekly sprint planning, feature spikes and constructive code review throughout PR review processes.

Spotlight Home Tours, Inc.

Salt Lake City, Utah

PHP Developer/UI Designer

May.2018 – Dec.2018

- Developed responsive iPad/iPhone-centric applications with cross-browser compatibility.
- Created the Enhanced entity-relationship (EER) and Relational Schema Diagrams for Databases - Postgres
- Consistently work to achieve and maintain 95% code test coverage and speed performance applications.
- Reduced miscommunication, stale PRs, and lag time before QA review of feature branches, and working with refactoring of legacy React directives into a modern React component-based architecture.
- Designed, tested, transitioned, trained, researched, and documented international development teams into web application development by educating them in correct usage of JavaScript, SASS, LESS, and HTML/XPATH.

The Worldview Project

San Diego, California

PHP/Web Designer

June.2017 – June.2018

- Performed and developed large validation forms using HTML5, CSS3, JavaScript, JQuery, AJAX, JSON.
- Directed front-end and back-end developers on platform redesign with best practices of unified experience on desktop, tablet and mobile, and the application is accessible in 95%+ device.
- Extensive experience in designing and implementing various web applications in both WAMP (Windows, Apache, MySQL, PHP), LAMP/MEAN (Linux, Apache, MongoDB, PHP/Node) environment.
- Helped shift behavior from print to paperless book/Ebook 150% increase in users activating paperless.
- Re-branded website, sales and marketing materials to help boost revenue from 15% to 35%.
- Documented user flows and competitor benchmarking for strategic analysis of the marketplace.
- Ensured cohesive experiences within site ecosystems for faster development opportunities and a branded house of products.

ACADEMIC PROJECT

Telesignalization System - UCSD

Jan 2018 – March 2018

- Implemented Processing/P5js framework 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, System Design]

SKILLS & QUALIFICATIONS

Languages: Java, Python, PHP, Groovy, TypeScript, Html, CSS, JavaScript, SQL

Library: Express, Vue, Ember, React, Passport, OAuth2, OpenID, Webpack, MongoDB, Inversifyjs, Nestjs, GraphQL