ZHUANGZHUANG (JOEY) XIA

Champaign, IL **|** C: (217)-778-9958 **|** xiazhuangz@gmail.com

linkedin.com/in/joeyxia **|** github.com/asimolovegym **|** asimolovegym.github.io

Experienced researcher and motivated web developer with a B.S. and M.S. in Engineering. Skilled in performing analysis and problem-solving, and eager to leverage my knowledge towards a career in Front-End Web Development.

EDUCATION

University of Illinois at Urbana-Champaign: CS498RK - The Art of Web Programming	Dec 2016
Free Code Camp: Front End Development	Sep 2016
Udacity: Front-End Web Developer Nanodegree	Aug 2016
University of Illinois at Urbana-Champaign: M.S. in Environmental Engineering	Aug 2013 – Dec 2014

- Chiang Chen Overseas Fellowship 50,000 USD

Harbin Institute of Technology, China: B.S. in Environmental Engineering	Aug 2009 – Jul 2013

- Outstanding Graduates (10%) in Honors School (5%)

SKILLS

Strong: HTML5, CSS3, JavaScript, jQuery, Bootstrap, Sass

Knowledgeable: Git, ES6, ReactJS, Gulp, Responsive Design, NodeJS, ExpressJS, MongoDB

PERSONAL PROJECTS

Recipe Box App   In Progress

NodeJS, ExpressJS, React, Bootstrap

- Developing a single page application with MERN Stack techniques
- Assist users create, edit, and delete recipes as well as retrieve online recipes via Edamam API

Personal Portfolio Website   Jan 2017

Bootstrap, Sass, jQuery, Gulp, Responsive Design

- Provided detailed information about my personal story, projects, and some of the books and materials I studied
- Facilitated responsive layout, design, and images with Bootstrap, Sass and Gulp

Simon Game   Oct 2016

JavaScript, Sass, CSS3 Animation, Bootstrap, Flexbox

- Programmed classical 1980s Simon game with two play modes and selectable difficulty

Neighborhood Map App   Sep 2016

Knockout.js, Google Map API, Yelp API, Responsive Design, jQuery

- Designed a single-page, responsive application for popular bars and restaurants in Champaign, IL
- Displayed map and markers with Google API and provided rating, reviews, and pictures with Yelp API

WORK EXPERIENCE

Researcher and Lab Manager   May 2014 – Aug 2016

University of Illinois at Urbana-Champaign, instructed by Prof. *Roland D. Cusick*

- Designed, planned and conducted primary study on waste stream nutrients recovery and supported colleagues with solid data for further modeling
- Mentored and motivated undergraduate students on Bioelectrochemical Systems research
- Initiated and monitored lab documentation, including SOPs, work orders and research records