

# Xiao-Qiao “Sherry” Zhou

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[cssherry.com](http://cssherry.com) • <https://github.com/zhouxio/> • [www.linkedin.com/in/cssherry](http://www.linkedin.com/in/cssherry)

## PROJECTS

### Instacation

[instacation.cssherry.com](http://instacation.cssherry.com)

[GitHub](#)

- Allows user to view photo albums by location using Google Maps API in a Backbone app consuming RESTful JSON Rails API.
- Uses the Cloudinary API to upload, store, and resize images for faster display.
- Custom implementation of composite views in Backbone for adding new photo or album subviews.
- Album search updates results in real-time when new filters are applied using Select2 library.

### Exploding Numbers

[cssherry.com/explodingnumbers](http://cssherry.com/explodingnumbers)

[GitHub](#)

- A responsive online math game inspired by tetris, displayed using HTML5 Canvas and Fabric.js for object oriented graphics.
- Event listeners register users clicks and stores corresponding number objects.

### Chess

[cssherry.com/chess](http://cssherry.com/chess)

[GitHub](#)

- Console Ruby game with a board that uses standard chess naming and is realistically colored.
- Serializes the board state as a YAML file to save and load games.

## SKILLS

Ruby • Ruby on Rails • JavaScript • Node • jQuery • Backbone.js • SQL • git • HTML • CSS  
AngularJS (learning) • C (learning) • MATLAB

## EXPERIENCE

### Program Analyst

**National Institutes of Health**

August 2012 - August 2014

- Taught myself JavaScript to write Google scripts (a JavaScript variant) to automate confirmation of over 150 ENCODE Consortium Meeting registrations and establishing internal collaborations.
- Designed, created, and updated graphics illustrating the locations of 30+ ENCODE groups and publications of 800+ ENCODE-funded and community papers.
- Co-authored two publications in *Nature* <sup>1,2</sup>.

### Webmaster/Media Technician

**Yale**

Sept. 2009 – May 2012

- Reorganized and maintained website for the Asian American Cultural Center (AACC) with a combination of HTML/CSS for editing and Dreamweaver for design.
- Launched a weekly newsletter of events by the 50+ affiliated ethnic and cultural groups.
- Learned Adobe Photoshop/Illustrator to lead workshops on Adobe Photoshop as a media specialist in web design and provide technical support to Yale community.

### Webmaster

[Mu Acupuncture and Herbs](#)

Aug. 2005 – May 2012

- Maintained and updated business website.
- Created framework for displaying videos.

## EDUCATION

### App Academy

San Francisco, CA

Dec. 2014 - March 2015

- Full-stack web development course with acceptance rate < 5%.

### Yale University

New Haven, CT

Sept. 2008 - May 2012

- B.S. in Molecular, Cellular, and Developmental Biology. GPA 3.4