

# Xiao-Qiao “Sherry” Zhou

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[cssherry.com](http://cssherry.com) • <https://github.com/zhoux10/> • [www.linkedin.com/in/cssherry](http://www.linkedin.com/in/cssherry)

## PROJECTS

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

**Instacation**

[GitHub](#)

- View photo albums by location in single-page Backbone app consuming RESTful JSON Rails API.
- Custom implementation of composite views in Backbone for immediate addition of new photos or albums to the view.
- Album search updates results in real-time when new filters are applied.

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

**Chess**

[GitHub](#)

- Console ruby game with a board that uses standard chess naming and is realistically colored.
- Game saving through YAML storage and retrieval.

## 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

- Produced and maintained internal wiki for ENCyclopedia Of DNA Elements (ENCODE) Project.
- Created Google scripts for automating 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 paper.
- Developed and analyzed quarterly progress reports for seven data production centers.
- Co-authored [Principles of regulatory information conservation between mouse and human](#) and [A comparative encyclopedia of DNA elements in the mouse genome](#).

[Webmaster](#)

**Asian American Cultural Center**

Sept. 2009 – May 2012

- Reorganized and maintained website for the Asian American Cultural Center (AACC).
- Launched and distributed a weekly newsletter of events put on by the 50+ ethnic and cultural groups affiliated with the AACC.

**Media Technician**

**Bass Library at Yale**

Sept. 2009 – May 2012

- Led workshops on digital media software as a media specialist in web design.
- Provided technical support to the Yale community concerning the software, hardware, and multimedia resources offered by the University.

[Webmaster](#)

**Mu Acupuncture and Herbs**

Aug. 2005 – May 2012

- Maintain and update business website.

## EDUCATION

San Francisco, CA

**App Academy**

Dec. 2014 - March 2015

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

New Haven, CT

**Yale University**

Sept. 2008 - May 2012

- B.S. in Molecular, Cellular, and Developmental Biology
- Curriculum Highlights: Systems Modeling in Biology, Statistics, Multivariable Calculus