

Xiao-Qiao “Sherry” Zhou

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PROJECTS

Instacation

instacation.cssherry.com

[GitHub](#)

- View photo albums by location in a Backbone app consuming RESTful JSON Rails API.
- Custom implementation of composite views in Backbone for immediate addition of new photos or albums once they're created.
- Album search updates results in real-time when new filters are applied using Select2 library.

Towers of Hanoi

cssherry.com/towersofhanoi

[GitHub](#)

- An online JavaScript puzzle that allows players to compare their solution to the optimum one.
- Allows customizing number of disks through JavaScript event listeners and stores user options when a new game is started.

Exploding Numbers

cssherry.com/explodingnumbers

[GitHub](#)

- An online math game that resembles tetris, displayed using HTML5 Canvas.
- jQuery event listeners register users clicks and stores corresponding number object.

Chess

cssherry.com/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

- 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 papers.
- Co-authored two publications in *Nature*.

Webmaster

[Asian American Cultural Center](#)

Sept. 2009 – May 2012

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

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 regarding IT resources.

Webmaster

[Mu Acupuncture and Herbs](#)

Aug. 2005 – May 2012

- Maintain and update 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