

# Sherry Zhou

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(336) 612-3688 • 215 Rosse Ln Apt. 210, Stanford, CA, 94305 • [xiao.qiao.zhou@gmail.com](mailto:xiao.qiao.zhou@gmail.com)  
[cssherry.com](http://cssherry.com) • <https://github.com/zhouxio/> • [www.linkedin.com/in/cssherry](http://www.linkedin.com/in/cssherry)

## EDUCATION

**App Academy** San Francisco, CA Sept. 2014 - March 2015

- Full-stack web development course.

**Yale University** New Haven, CT Sept. 2008 - May 2012

- B.S. in Molecular, Cellular, and Developmental Biology (intensive research track). GPA 3.4

## EXPERIENCE

**Program Analyst** **National Institutes of Health** August 2012 - August 2014

- Organized publication discussions for ENCODE, mouse ENCODE, and modENCODE publications, resulting in co-authorship on two publications in *Nature* <sup>1, 2</sup>.
- Taught myself JavaScript to write Google scripts (a JavaScript variant) 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 using Adobe Photoshop.

**Qualitative Data Analyst** **AMSA** Oct. 2012 - April 2013

- Analyzed conflict of interest policies at medical schools throughout the country as part of the 2013 [American Medical Student Association \(AMSA\) Scorecard](#).
- Provided feedback and recommendations for increasing transparency and efficacy of these policies.

**Webmaster/Media Tech** **Yale University** Sept. 2009 – May 2012

- Reorganized and maintained website for the [Asian American Cultural Center \(AACC\)](#), [DEMOS](#), and [BRIDGES ESL](#) with a combination of self-taught HTML, CSS, and Dreamweaver.
- Launched a weekly newsletter of events by the 50+ AACC 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.

## SKILLS

Ruby • Ruby on Rails • JavaScript • Node • jQuery • Backbone.js • SQL • git ML • CSS/Bootstrap  
AngularJS (learning) • C (learning) • MATLAB • Adobe Creative Suite (CS6)

## 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.
- 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.
- Game continually adapts by generating random equations solvable using only numbers currently on the screen.

**Chess** [cssherry.com/chess](http://cssherry.com/chess) [GitHub](#)

- Console Ruby game with a board that uses standard chess naming and contains cells shaded with the colorize gem.
- Serializes the board state as a YAML file to save and load games.