

Xiao-Qiao “Sherry” Zhou

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PROJECTS

[Instacation](#)

[GitHub](#)

- View photo albums by location in single-page Backbone app consuming RESTful JSON Rails API.
- Custom authentication using BCrypt to store hash of password.
- Custom Backbone view for immediate addition of new photos or albums to the view.
- Search page updates results in real-time when new filters are applied.

SKILLS

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

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 map illustrating the 30+ ENCODE groups.
- Developed and analyzed quarterly progress reports for seven data production centers.
- Built framework for tracking over 800 ENCODE-funded and community publications.
- 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. 3.4 GPA
- Curriculum Highlights: Systems Modeling in Biology, Statistics, Multivariable Calculus