Sherry Zhou

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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* [1], [2].
- 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 • CSS/Bootstrap
AngularJS (learning) • C (learning) • MATLAB • Adobe Creative Suite (CS6)

PROJECTS

Instacation 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 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 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.