Sheri Zada

(415) 299-2482
San Francisco, CA
sheri.h.zada@gmail.com

Portfolio: sherizada.com
Github: github.com/sherzader
LinkedIn: linkedin.com/in/sherizada

Portfolio

Entente.io | *Full Stack Engineer* | Live | Github
Discover a new community and explore upcoming hosted events.
➢ Built on a RESTful API using Ruby on Rails, PostgreSQL, React/Flux, and HTML/CSS.
➢ BCrypt User Authentication to salt and hash passwords for secure database storage.
➢ Query optimization improves web performance and reduces load on database.
➢ Responsive UI design using CSS3 media queries.

sherizada.com | *Front End Engineer* | Live | Github
➢ Built in React, HTML, and CSS.
➢ CSS3 animations for rendering React components.

SkiFree | *Front End Engineer* | Live | Github
Classic 1991 Microsoft game in object-oriented Javascript and rendered on HTML5 Canvas.
➢ Original design of game mechanics.
➢ Keydown event listener handles multiple player velocities with natural sprite changes.

Instapixies | *Full Stack Engineer* | Live | Github
Search Instagram's media by hashtag and date.
➢ Single page web application built on Ruby on Rails, PostgreSQL, React, and HTML/CSS.
➢ Server-side calls to Instagram API fetch recent media.
➢ Pagination to search older photos and videos falling within the user's initial query.

AnORM | *Back End Engineer* | Github
An Object Relational Mapper inspired by Active Record.
➢ Written in Ruby and SQL.
➢ Implements AR association methods: *has_many, belongs_to, has_one_through*.

Skills & Expertise

Ruby, Ruby on Rails, PostgreSQL, SQL, ReactJS, JavaScript, jQuery, HTML5, CSS3, Git, RSpec, Java

Education

App Academy, *Intensive Full Stack Web Development Program, < 5% acceptance rate*
San Francisco, CA, October 2015 to January 2016
Topics include: pair programming, TDD, algorithms, data structures, OOP, coding style (DRY), security, REST

University of California, Santa Cruz, *Bachelor of Science, Neuroscience*
Santa Cruz, CA, October 2009 to June 2014
Curriculum Highlights: Python for Bioinformatics, Accelerated Java Programming, Data Structures, Software Design, Multivariable calculus, Probability, Statistics, Computational Research Tools

Work Experience

Research Scholar for the SENS Research Foundation and CASMI
University of Oxford, United Kingdom, June 2014 to August 2014
Presented at Rejuvenation Biotechnology Conference, Santa Clara, CA 2014
➢ Led and designed a systematic review of cell-based immunotherapies.

Undergraduate Researcher in The Hinck Lab, Department of Molecular, Cell and Developmental Biology
University of California, Santa Cruz, CA, February 2013 to June 2014
Awarded Undergraduate Research in the Sciences at UCSC in 2014
➢ Independently researched cell senescence in mammary cell lines.

Awards/Publications

➢ **Undergraduate Research in the Sciences Award.** A grant to continue an independent research project in cell senescence of cancerous mammary cell-lines.
➢ **SLIT/ROBO2 signaling promotes mammary stem cell senescence by inhibiting Wnt signaling.** Hinck et al. (2014) Stem Cell Reports 3(3): 385-393.