

# SUHAI YEHUZA

- » Skills: HTML. CSS/Sass. Ruby on Rails. JavaScript. Node.js. jQuery. React/Redux. SQL. Git.
- » Other: Mathematica. LaTeX
- » Find me: [|Github|](#) [|LinkedIn|](#) [|tikldMonkey|](#) [|Email|](#) [|Phone|](#)



## »»» Projects

- Project1 [tikLdMonkey](#) [*HTML/CSS, Ruby/Rails, PostgreSQL, React/Redux*] [GitLink](#)
- » A single page Content Management System web application.
  - » Designed with optimized algorithms for a lean code base.
- Project2 [cheekChubby](#) [*HTML/CSS, React / Redux, Rails, PostgreSQL*] [GitLink](#)
- » A cross clone of Facebook and Instagram with user authentication
  - » Users are able to like and comment on photos
- Project3 [murmurAlley](#) [*HTML/CSS, Ruby on Rails, PostgreSQL*] [GitLink](#)
- » A simple Ruby on Rails app with mimicking the NYT for a fictional city named Murmur Alley
  - » Content is managed dynamically with fictitious news with an auto-updated clock and weather

## »»» Education

- Jan - Jul '17 **Self-Teaching** San Francisco, CA
- » A combination of software bootcamp and a self-disciplined average of 70hrs / week of coding
  - » Topics explored included: Rails, React, TDD, scalability, algorithms, OOP, coding style, single-page apps, and web development best practices
- 2012-2016 **B.A. in Chemistry, Reed College** Portland, OR
- » Senior Thesis: Quantitative Analysis of Liquid Matrices using Laser Induced Breakdown Spectroscopy (LIBS)
  - » A year-long independent research - with a professor's oversight - that explored the qualitative and quantitative application of Nd:YAG solid-state lasers on liquid matrices
- Course Highlights**
- » Multivariable Calculus. Quantum Mechanics. Statistical Thermodynamics. Game Theory
  - » Analytical Chemistry. Physical Chemistry. Computational Chemistry. Inorganic Chemistry

## »»» Experience

- Summer 2016 **Hardware and Data Security intern at Free Geek** Portland, OR
- » Tested and retrieved functional components - RAMs, ICs, motherboards, power supplies, etc - from donated computers and other electronics
  - » Erased /sanitized all incoming data-bearing devices, helped build refurbished computers and other electronics from salvaged components, which were then donated to Portland area public schools and non-profit organizations on demand.
- Summer 2015 **Research for Undergraduate Experience; Reed College** Portland, OR
- » Summer Research Assistant to Prof. Daniel Gerrity
  - » Analyzed the Vibronic Absorption spectrum of molecular  $I_2$  to calculate molecular parameters using LIF and UV-Vis spectroscopy