SUHAI YEHUZA

❱ Skills: HTML. CSS/Sass. Ruby. Ruby on Rails. JavaScript. Node.js. jQuery. React / Redux. SQL. Git.

❱ Other: Mathematica. LaTeX

❱ Find me: |Github| |LinkedIn| |Monkey| |Email| |Phone|

❱❱❱ Projects

Project1 **tikLdMonkey** [*HTML/CSS, Ruby on Rails, Postgres, React/Redux*] GitLink

  ❱ A single page Content Management System web application.
  ❱ Designed with optimized algorithms for a lean code base.

Project2 **cheekChubby** [*HTML/CSS, Ruby / Rails, SQLite3, Bootstrap*] GitLink

  ❱ A simple multi-page Rails app with user authentication
  ❱ Users are able to create and comments on posts

Project3 **murmurAlley** [*Ruby*] GitLink

  ❱ A simulation of the Minesweeper game
  ❱ Player has the option to decide the size of grid and number of mines

❱❱❱ Education

Jan - Jul '17 **Self-Teaching** San Francisco, CA

  ❱ A combination of software bootcamp and a self-discipliend 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