Huan Ji

huanji68@gmail.com (858) 405-3880 1308 Griffith Street, San Francisco

Projects

BandHaven | *Full Stack* **Live ● GitHub**

Application for music discovery, built with Ruby on Rails and React.js on Flux architecture

- ❏ Combines React routes and AJAX requests to achieve single page application and authentication
- ❏ Customized HTML5 audio players keep in sync with user interactions through React Flux cycles
- ❏ Utilizes React transition library to implement custom route-based sliding page transitions
- ❏ Leverages adaptive database SQL queries for music discovery feature with interactive filters

Robot Unicorn Attack Extreme | *Front End* **Live ● GitHub**

Javascript side scroll game inspired by Robot Unicorn Attack, using Phaser.js game engine

- ❏ Provides accurate collision detection against complex terrain through polygonal texture mapping with Phaser P2 physics engine
- ❏ Implements three layers of parallax environment using Phaser tilesprite animation for 3D immersion

Rails Lite | *Framework* **GitHub**

Backend application framework inspired by Rails, includes ORM inspired by Active Record

- ❏ Creates temporary flash storage by limiting cookie retrieval to current or next request cycle
- ❏ Implements middleware features such as custom exception pages and static assets using Rack
- ❏ ORM leverages abstracted, sensible SQL queries and Ruby metaprogramming capabilities

Skills

Ruby	Javascript	Node.js	jQuery	HTML	git	Flux
Ruby on Rails	React.js	Phaser.js	SQL	CSS	RSpec	TDD

Experience

Alere Inc. San Diego, CA

Production Planner **2012 - 2013**

Production Control Supervisor **2013 - 2015**

- ❏ Spearheaded technical implementation of new regulatory quality system software
- ❏ Managed production efficiency kaizen events that led to a $300k annual reduction of labor costs
- ❏ Led vendor raw material capacity improvement project that doubled vendor capacity

Education

App Academy **October 2015-January 2016**

Intensive Full Stack Web Development Course with 3% acceptance rate San Francisco, CA

University of California, San Diego **2009 - 2011**

Bachelor of Science in Biology, Neuroscience and Physiology San Diego, CA

huan-ji.github.io www.github.com/huan-ji www.linkedin.com/in/huanji