
github.com/haasalex16 · linkedin.com/in/haasalex · alexchaas.com

Projects

EclecticEar · [Live](#) · [GitHub](#)

Music sharing app inspired by SoundCloud

- Built with Backbone utilizing a RESTful JSON Ruby on Rails API.
- Implements search over multiple different models by leveraging a polymorphic association and PgSearch
- Music player allows for navigation throughout the site without interrupting playback

ZombieDinner.js · [Live](#) · [GitHub](#)

Snake inspired game built for the browser

- Utilizes CSS Sprites to optimize page load

Chess.rb · [GitHub](#)

Game built in Ruby to be played in the terminal

- Utilizes class inheritance to DRY code for various piece types
- Includes extensive logic checks for valid moves and user input

Skills

Ruby, Ruby on Rails, JavaScript, Node.js, jQuery, Backbone.js, SQL, git, HTML, CSS

Education

Web Developer

App Academy · New York, NY · March - June 2015

Full-stack web development course · acceptance rate < 5%

Built lite versions of Ruby web framework and ActiveRecord

BSE Civil Engineering

University of Michigan - Ann Arbor · 2010

Course Highlights: Introduction to Programming (C++), Statistics, Differential Equations, Physics I & II

Experience

URS Corporation · Project Control Engineer · 2012 - 2015

PATH · Port Authority of New York & New Jersey

- Improved multiple reports and datasets to be completed in 50% less time by efficiently utilizing MS Excel
- Scheduled 2015-2016 Capital Plan with full manpower analysis used for yearly budget/hiring

Bechtel Power Corporation · Project Control Engineer · 2011 - 2012

Port Saint Lucie Nuclear Power Plant

- Increased accuracy and efficiency of quantity tracking by creating and implementing new procedures and metrics