

# Alvin Ly

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## Projects

### AwwDi

[Live](#) | [Github](#)

Music streaming app inspired by *SoundCloud*.

- Custom JSON partials in responses from JSON requests
- Utilizes React's Flux architecture for appropriate storage of front-loaded data
- Creation of smaller sub-components to DRY up button rendering in multiple components.
- Creates music waveform from WaveSurfer.js library

### Constrictor

[Live](#) | [Github](#)

Spinoff of Arcade classic: *Snake*, built for the browser in Javascript

- Buffers user inputs by storing key actions in an array for smoother snake control
- Algorithm created to update speed based on score and apples eaten.

### ActiveRecord Lite

[Github](#)

Object Relational Mapping inspired by *ActiveRecord*.

- Key functions include model persistence, querying, and associations
- Methods are 'self-defined' via metaprogramming

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## Skills

JavaScript	Ruby	Ruby on Rails	jQuery	CSS
React.js	Flux	SQL	HTML	Git

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## Education

### App Academy

Aug 2015 - Nov 2015

Full-stack web development course, acceptance rate < 5%.

### San Jose State University

Aug 2011- May 2014

Bachelors of Science (B.S.): Business Administration  
Concentration: Management.

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## Experience

### Vaco (on-site at Google)

#### Operations Specialist

*Mountain View, CA – Sept. 2014 - August 2015*

- Led ticket tracker database now utilized by the entire team to remind peers of future events.
- Improved the 'VBscript Syntax tool' sheet improving promotion and feed modification implementation by 20%