**Andrew Lim**

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**Github:** <https://github.com/andyl319/>

**Portfolio:** <https://andyl319.github.io/portfolio/>

EXPERTISE

Java, JavaScript, Ruby, HTML, CSS, SQL, C++, Swift, JQuery, Ruby on Rails, React.js, Firebase, Redux

EDUCATION

**University of Houston** - (2013 - 2016**)**

*Computer Science*

* Computer Organization
* Programming and Data Structures

**AppAcademy** - (2016 - 2017)

*Web Development*

* 12-week immersive software development bootcamp with a 3% acceptance rate
* 1000 hour full-stack web development: Rails, SQL, React, TDD, algorithms, and programming best practices

PORTFOLIO

**Decipher** | *(JavaScript, React/Redux, Ruby on Rails)*  [**live**](http://www.decipher.site/) **|** [**github**](https://github.com/andyl319/decipher)

Spearheaded and designed a single page app inspired by Genius.com

* Utilized React and JQuery in order to allow the user to dynamically highlight and create annotations for song lyrics
* Leveraged JavaScript Event Interface in order to render annotation views according to the y-axis of a user click
* Minimized AJAX requests in order to achieve a seamless navigation from page to page

**Frogger** | *(JavaScript, Canvas)*  [**live**](http://htmlpreview.github.io/?https://github.com/andyl319/frogger/blob/master/index.html) **|** [**github**](https://github.com/andyl319/frogger)

Designed a JavaScript game based off Frogger

* Implemented asynchronous JavaScript functions in order to achieve a better user interaction and gameplay
* Incorporated an object script which creates a sprite cache for faster load times when redrawing sprites

**aNSR** | *(Swift, Firebase)*  [**live**](https://appetize.io/app/88418p3n3pvhd6qdeexmffn4mr?device=iphone6s&scale=75&orientation=portrait&osVersion=10.0) **|** [**github**](https://github.com/NateDawg90/aNSWR)

Founded and chaired aNSR, a social media app

* Learned and adapted Swift and Firebase in a one week span
* Headed a team of 3, facilitating individual responsibilities including..
* Incorporated a Firebase backend in order to decrease time spent on user auth resulting in the ability to add several more features

EXPERIENCE

**Computer Science Tutor**

*William P. Clements High School*  2010 - 2011

* Mentored multiple students in a school year, dealing with Java, OOP, and nested data structures
* Helped students achieve a higher average grade per 9 week cycle

**Server**

*Kabob Cafe* 2014 - 2015

* Performed a myriad of tasks for a small family owned business
* Acted as host, server, cashier, stock boy, food prep as well as performed delivery and catering services