

# DAVID YOON

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**SKILLS** React, Redux, Ruby on Rails, PostgreSQL, JavaScript, jQuery, Git, HTML5/CSS3

## PROJECTS

**CAMPAWAY** (React, Redux, Ruby on Rails, PostgreSQL, Webpack, AWS, HTML5/CSS3)

[CampAway](#) A mobile-responsive, single page clone of Hipcamp

- Incorporated Rails and React/Redux to establish user authentication, enabling user account creation, login and logout functions.
- Implemented React fragment to engineer the impression of having a multi-page experience by creating a conditional which renders child component forms.
- Integrated AWS to reduce server load when fetching user uploaded images.

**TOGGLE** (JavaScript, jQuery, HTML5/CSS3, Canvas, Firebase)

[Toggle](#)

A platformer game inspired by Pacman

- Utilized Javascript in conjunction with jQuery to build a physics engine that supports collision between the player and game objects and to manage movement patterns and gravity.
- Employed OOP and sprite sheets to develop a toggle feature to allow users to change their character color.
- Incorporated HTML5 Canvas and animation frames to create a more realistic and smooth gaming experience by decreasing graphic rendering lag.

## EXPERIENCE

**Chungdahm Learning, Seoul, South Korea**

**Training Manager**

August 2016 - November 2018

- Achieved increased teacher satisfaction and retention by creating, implementing, and maintaining a new HR model for over 170 faculty members.
- Oversaw training center operations; managed 18 trainers and oversaw the onboarding of 100+ teachers each quarter.
- Analyzed previous expenses and returns to negotiate and decrease training center operating costs by 10%.

**Faculty Manager**

February 2014 - August 2016

- Led the assessment and development of 23 branch teachers and 3 head instructors.
- Initiated strategic workshops to increase branch ranking from bottom to top tier within 6 months.

## EDUCATION

**App Academy** - Completed rigorous 1000-hour full-stack web development course with <3% acceptance rate.

**Baruch College** - BA Finance & Investments

## CERTIFICATION

**STEM Training** - Completed Carnegie Mellon Robotics Academy's instructor training course on teaching Science, Technology, Engineering, and Math (STEM) using robotics.