

# DAVID YOON

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[personal](#)

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**SKILLS** React, Redux, JavaScript, Node, Express, Ruby on Rails, MongoDB, PostgreSQL, CSS/SCSS

## PROJECTS

**CAMPAWAY** (React, Redux, Ruby on Rails, PostgreSQL, Google Maps, AWS, SCSS)

[CampAway](#)

*A responsive full-stack single-page clone of Hipcamp*

- Incorporated Rails and React/Redux to establish user authentication thereby enabling user account creation, login and log out functions.
- Utilized the Google Maps API to selectively filter camping spots by geolocation and rendering those spots located within the bounds of the map.
- Implemented JavaScript conditional rendering to engineer the impression of having a multi-page form experience by rendering child component subforms based on the current page number.
- Integrated AWS S3 to reduce server load when fetching user uploaded images.

**TOGGLE** (JavaScript, jQuery, Canvas, Firebase, HTML, CSS)

[Toggle](#)

*A retro style 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 enabling character color change.
- Integrated Google Firebase to create a dynamic leaderboard displaying the current top 5 scores.
- Incorporated HTML Canvas and animation frames to create a more realistic and smooth gaming experience by decreasing graphic rendering lag.

## EXPERIENCE

**New Mission Church, Flushing, New York**

**Freelance Full Stack Developer**

August 2019 - Present

- Create a responsive single-page web app using MongoDB, Express, React, Node and Bootstrap.
- Incorporate JSON Web Tokens and BCrypt to establish user authentication.

**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 cut training center operating costs by 10%.

## 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.