

# DAVID YOON

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[personal](#)

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[github](#)

**SKILLS** React, Redux, JavaScript, Node, Express, Ruby on Rails, MongoDB, PostgreSQL, AWS S3, jQuery, Git, NPM, HTML, CSS/SCSS, Bootstrap

## PROJECTS

**CAMPAWAY** (React, Redux, Ruby on Rails, PostgreSQL, Google Maps, AWS, SCSS) [CampAway](#) | [Github](#)

*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](#) | [Github](#)

*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.
- Implement role-based access control to allow access to certain functionalities for authorized users only.

**Chungdahm Learning, Seoul, South Korea**

**Training Manager**

August 2016 - November 2018

- 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%.
- Achieved increased teacher satisfaction and retention by creating, implementing, and maintaining a new HR model for over 170 faculty members.

## EDUCATION

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

**Baruch College** - Bachelor of Business Administration, Finance & Investments

**Carnegie Mellon** - Teacher Training Certificate - Successfully completed training course on teaching Science, Technology, Engineering, and Math (STEM) using robotics.