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Projects

Knob Creek | Wordpress, Timber, Twig, Sass, HTML5

Concept Wordpress theme and CMS setup for brand.

[_dev-rh-barrel.pantheonsite.io](https://dev-rh-barrel.pantheonsite.io)

[_gitlab.com/royhhwang/rh-desktop](https://gitlab.com/royhhwang/rh-desktop)

- Set up Wordpress admin with Advanced Custom Fields that are dynamically pulled into Twig templates.
- Built from InVision design comp, with focus on atomic and modular CSS.
- Hand coded semantic and accessible HTML.
- Browser-tested for latest versions of Chrome, Safari, Firefox.

Artsy | React, Gatsby.js, ArtsyAPI, Bootstrap

Sleek and modern concept page for an art gallery.

[_artsyapi.herokuapp.com](https://artsyapi.herokuapp.com)

[_github.com/royhhwang/artsyapi](https://github.com/royhhwang/artsyapi)

- Integrates with ArtsyAPI to fetch and display historic artwork.
- Designed for mobile-first using fluid grid system built with CSS3.
- Uses CSS keyframe animations to create unique, color-shifting borders.
- Hand-coded HTML with focus on intuitive UI for easy content display.

In the Dark | React, A-Frame, Parallax.js, CSS3, IGDB API

Web technologies spun into a unique, thrilling browser adventure.

[_royhhwang.github.io/inthedark](https://royhhwang.github.io/inthedark)

[_github.com/royhhwang/inthedark](https://github.com/royhhwang/inthedark)

- Virtual reality experience created through A-Frame.
- React components track mouse movements and respond to user input.
- CSS transitions and keyframes create unnerving animations.
- Gives horror game suggestions using Internet Game Database API.

Experience

Freelance Web Developer

Oct 2018 – Present

Providing pro-bono support to nonprofits for their web development needs.

Current projects include:

- Accessibility and WCAG compliance audit for Abilities United.
- Custom Wordpress theme creation for The Ocean's Voice.
- New Wordpress features and functionality for ASI Inclusion.

Education

University of CA, Irvine

Oct 2017 – Jan 2018

The Coding Boot Camp

Fullstack Web Development

University of CA, Riverside

Aug 2011 – June 2015

B.A. in Business Administration

Skills

Fullstack Development

JavaScript ES5 / ES6

HTML5

CSS3

Sass

React

Wordpress

Twig

jQuery

Node

Express

MongoDB

Proficient

Gatsby.js

Shopify

Gulp

A-Frame

Socket.io

MySQL

Sequelize

Git Source Management

RESTful API

Scrum Cycles

Visual Studio Code