

# Roy H. Hwang

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## Projects

### In the Dark | React, A-Frame, Parallax.js, Web VR

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.
- Parallax.js added to further track user input and add to horror tone.
- Adds atmosphere using faded flashlight effect.
- Taps into IGDB's full game database API.

### Coding with Corgis | Unity 3D, React, MERN Stack, HTML5, CSS3

Gamifying the interview process to help job seekers find employment.

[codewithcorgis.com](https://codewithcorgis.com) | [github.com/royhhwang/CodeWithCorgis](https://github.com/royhhwang/CodeWithCorgis)

- Players solve complex brain teasers designed to promote and challenge creative thinking.
- Player's score integrates with Comparably.com's business API to provide job listings based on their performance.
- Took role of project developer and team coordination.

### Usagi Warrior | Unity 3D, 3DS Max, C#

3D platformer that challenging user's skill and aptitude through gameplay.

[royhhwang.itch.io/usagi-warrior](https://royhhwang.itch.io/usagi-warrior) |

[github.com/royhhwang/Project3-RPG](https://github.com/royhhwang/Project3-RPG)

- Scripted in UnityScript and C#, models designed in 3DS Max.
- Custom battle sequencing for makeshift AI and tracking.
- Fluid transitions between platforming and combat.

## Past Experience

### Wismettac Asian Foods | Wholesale & Distribution Sales

Associate

Aug 2015 – May 2017 • Santa Fe Springs, California

- Direct sales management of 120+ business relationships.
- Responsible for improving customer retention and sales.
- Increased by 160% sales margin in Palm Springs.
- Exceeded individual sales goal by 140% in April 2017.

## Education

### University of CA, Irvine

Oct 2017 – Jan 2018

The Coding Boot Camp

Full Stack Web Development

### University of CA, Riverside

Aug 2011 – June 2015

B.A. in Business Administration

## Skills

### Full Stack Development

JavaScript ES5 / ES6

HTML5

CSS3

Node.js

Express.js

React.js

MongoDB

jQuery

Sass

Gatsby.js

### Game Programming

Unity 3D

C#

3DS Max

A-Frame

Phaser.io

Socket.io

### Proficient

Gulp

Ajax

Gimp

MySQL

Unreal Engine

Sequelize

Git Source Management

Visual Studio Code

Visual Studio

RESTful API

Scrum Cycles