

Kassandra M Castro

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EDUCATION

University of Southern California - Los Angeles, CA
Master of Science in Computer Science – Scientists & Engineers
GPA: 3.7/4.0 Graduated May 2019

Florida International University *Honors College*- Miami, FL
Bachelor of Science in Marine Biology, Minor: Chemistry
GPA: 4.0/4.0 Graduated April 2014

PROJECTS

TriVR <https://trivr.github.io>

Los Angeles, CA

USC CS538 Augmented, Virtual and Mixed Reality Term Project

Spring 2019

[Unity3D, C#, Oculus Rift, Steam VR, Adobe Illustrator]

- Design, program and incorporate mini game involving catching jellyfish with net to select correct answer to trivia
- Find appropriate assets, assemble scene, animate jellyfish and add physics
- Create main space station layout, assist with asset placement, blend audio between levels
- Illustrate poster, favicon, and presentation graphics

TikiMan Go Mobile Game

Los Angeles, CA

USC Directed Research

Spring 2018

[Unity3D, Blender, C#]

- Assignment: playability, weapons, and villains; introduce enemy projections that harm health
- Add motion to 3D models
- Restructure existing code to support enemy objects that use interface
- Coordinate with undergraduate students building the 3D models

The Glass Oven

Miami, FL

CS50xMiami Final Project

May 2017 - February 2019

[Gmail API, Recaptcha API, Clover Developer Pay API, FB Login API, Bootstrap, HTML5, CSS3, PHP, JavaScript, MySQL, cPanel web hosting]

- Elaborated on web project to build website for cake company that displayed menu and processed orders, hosted by GoDaddy

EMPLOYMENT

USC Rossier School of Education – Office of Professional Development

Los Angeles, CA

Tech Support Student Worker

September 2017 - August 2018

- Assist professors and students with login, device setup and layouts in AdobeConnect and Desire 2 Learn
- Troubleshoot and offer assistance in a friendly and professional manner

The Glass Oven

Miami, FL

Apprentice Baker

October 2015 - August 2017

- Independently follow cake recipes to fulfill customer orders for twelve different cake flavors

Apprentice Cake Decorator

April 2011 - January 2014

- Sculpted fondant cake toppers and decorated sculpted cake to realize customers' imagination

Mojo Donuts & Fried Chicken

Miami, FL

Head Opener

November 2016 - March 2017

- Prepare store for opening, organize products in display and attend to all customers' needs

The Princeton Review

Miami, FL

Teacher/Tutor

May 2014 - January 2015

- Taught SAT and MCAT Biology Test Prep

Florida International University

Miami, FL

Physics Learning Assistant Student Worker

August 2012 - April 2014

- Facilitated learning and discussion about intimidating topics in the teaching laboratory

AWARDS & AFFILIATIONS

National Hispanic Scholar
FIU Scholarship

Awarded Fall 2011 - Spring 2014

Florida Bright Futures
Scholarship

Awarded Fall 2011 - Spring 2014

Viterbi School Dean's
Scholarship

Awarded Fall 2017

Award for Outstanding Academic
Achievement in Marine Biology

Awarded April 2014

FIU
Honors College

Member Fall 2011 – Spring 2014

Delta Epsilon Iota
Honor Society

Member Fall 2012 – Spring 2014

Golden Key
Honor Society

Member Fall 2012 – Spring 2014

Phi Kappa Phi
Honor Society

Inducted Spring 2013

Phi Beta Kappa
Honor Society

Inducted Spring 2014