

COURTNEY PRESTO

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Education

UNIVERSITY OF SOUTHERN CALIFORNIA – December 2017

B.S. Computer Science

Video Game Programming, Programming Video Game Engines, Android Development, Programming Graphical User Interfaces, Graphics Processing

UNIVERSITY OF SOUTHERN CALIFORNIA – December 2017

B.F.A. Film/Television Production

Lighting, Composition, Mis-en-scene, Visual Storytelling, Color Palates, World Building

Technical Experience

USC, Viterbi College of Engineering– Researcher - Los Angeles, CA - August 2017– Present

- Parse data from California Board of Education website into database
- Query database for relevant statistics
- Write a paper based on findings and submit to scientific journals

Sigma Coding & CS@SC – Coding Teacher/Mentor - Los Angeles, CA - August 2015 - Present

- Teach workshop-style classes to underrepresented children in STEM fields.
- Code examples of introductory projects in HTML, JAVA, C++, SCRATCH, and SCRATCH Jr.
- Debug and assist students with individual labs and homework

USC, Dornsife College of Letters, Arts, & Sciences – Administrative Assistant - Los Angeles, CA - August 2016– Present

- Provide administrative support to Dean of Academic Programs and Special Project Manager of Global Programs.
- Created new system of budget entry to cut budget reconciliation process in half
- Work with professors and Special Projects manager to facilitate faculty-led study abroad programs
- Create presentations for Faculty Orientation for Short Term Study Abroad
- Analyze yearly Study Abroad budgets and prepare reports for the Dean of Academic Programs and the Dean of Dornsife Arts and Letters College
- Act as a point of contact for Faculty and Department Heads regarding program budgets

Super Happy Tiny Baby Turtle Game – Creator/Programmer - Los Angeles, CA - October 2016- December 2016

- Creator and team lead of an infinite runner desktop computer game.
- Delegated tasks to team from conception to completion.
- Passion project to gain experience in Unreal. Backend programmed in C++.

Blast Off! – Programmer - Los Angeles, CA, - September 2016

- Desktop app programmed in C++ using eclipse.

Skills and Organizations

- C++, C, Java, Unity, Unreal, Vector Math, Rotational Matrices
- Game world lighting, visual composition, mis-en-scene

Organizations

- IEEE Honor Society Member
- Gamma Phi Beta Sorority Member
- USC Stand Up Club Founder