Jimmy Zhou

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Work Experience

Toolots
CERRITOS, CALIFORNIA
Lead Software Engineer Intern
06/2017 – 08/2017

- Utilized PHP to export the mySQL databases to csv files for easier accesibility.
- Ran cronjobs using self developed scripts to constantly update the csv's.
- Managed and worked with other interns using Swift and Java on the iOS and Android applications for Toolots to roll-out in the future once the necessities are finished.
- Managed and worked with other interns using Google Analytics, Tableau, and LeadForensics to establish regional preferences of equipment and highest paying areas.
- Taught interns a working knowledge of Java and PHP, documented tasks and current objectives for them, and led weekly meetings for progress updates and schedule adjustments.
- Acted as liaison between interns and lead engineer by relaying project expectations and questions.

Research Experience

ASSIST Lab
SANTA CRUZ, CALIFORNIA
Designer and Researcher
01/2017 – Present

- Currently assisting head developer with *SpokeIt*, a speech therapy game for kids who have undergone cleft palate surgery by providing advice and design direction through research and user studies on how to make the game more appealing to players.
- Designing aspects that would enhance environmental immersion and improve intrinsic motivation based on previous serious games successes as well as current industry approaches.

SET Lab
SANTA CRUZ, CALIFORNIA
Designer, Programmer, and Researcher
04/2017 – Present

- Leading design and implementation of a co-located social virtual reality project to create a more emotional and communal experience.
- Designing project based off comprehensive literature review of current and established virtual experiences and user evaluations of perceived fluidity of HTC Vive's UI and controls.
- Programming prototypes in Unity to test locomotion and sensory adaptations in a VR environment.

Cardiac Computation Lab
LOS ANGELES, CALIFORNIA
Programmer and Researcher
11/2015 – 01/2016

- Researched cell division cycle, how various diseases affect it, and utilized python to simulate those conditions as mathematical variables.
- Utilized math knowledge to convert chemical equations to differential equations and applied python to create comparison graphs and determine quantities of each substance that was used for the experiment.

Education

University of California, Santa Barbara
SANTA BARBARA, CALIFORNIA
Bachelor's in Chemistry
June 2015

University of California, Santa Cruz
SANTA CRUZ, CALIFORNIA
Master's in Computer Science
In Progress

Skills

- C++
- C#
- Java

- PHP
- Python
- Unreal Engine 4

- Unity
- BORIS
- Jira

- LaTeX
- Git
- User Evaluations

References Available on Request