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TERESA M. IBARRA

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PROJECTS

FIRST WORLD PROBLEMS (*iOS GAME*), Released to Apple App Store in September 2014
Winner of 2014 ESA LOFT Innovation Award for addressing overdependence on technology
Presented game at the White House to policymakers and Congressmen
Utilized Objective-C, Cocos2D and Chipmunk Physics Engine
Series of unique physics games with trend-inspired artwork

MISSION (*iOS GAME*), In Development (from August 2014)
Game guides user through the main character's experience as a woman of color

SKILLS

COMPUTER Proficient in Objective-C, Python, Java; Familiar with HTML, C++
LANGUAGES Fluent in English, Mandarin

EDUCATION

LOWELL HIGH SCHOOL, 2011-2015
Advanced Placement Classes: 2014: Computer Science, Calculus, Government & Politics, Literature
2013: Physics B, Biology, English Language
2012: Chinese, Human Geography
Relevant Classes: Computer Repair
AP Scholar with Distinction, Honor Roll Student (2014)
MAKESCHOOL SUMMER ACADEMY, San Francisco, California June 2014-August 2014
Mobile Developer & Intern
Completed curriculum used by UC Berkeley, MIT, and Carnegie Mellon
Developed and published iOS game, while honing skills in Obj-C, Cocos2D, SpriteBuilder, Git
PHYSICS IN AND THROUGH COSMOLOGY, Lawrence Berkeley National Laboratory, California July 2013
Attended lectures by postdoctoral scholars and Nobel Prize winners
Participated in hands-on particle physics and cosmology labs

AWARDS & ACTIVITIES

NCWIT ASPIRATIONS IN COMPUTING AWARD
National Runner-Up & Affiliate Runner-Up (2015)
Awarded to top applicants for their computing achievements, leadership ability, and aptitude
LOWELL HARRY POTTER ALLIANCE, Spring 2012 - Present
Chapter Organizer, President (2013), Public Relations, Club Representative (2012)
Promoted social justice in the San Francisco community through Harry Potter related events
Organized and donated hundreds of books to UCSF Children's Hospital and Reading Partners
Best Writing Award for Universal Chaos Theory (short story)
CODEDAY (SAN FRANCISCO), WIX LOUNGE, SAN FRANCISCO, CALIFORNIA, OCTOBER 2014
Event Volunteer
Helped manage 24-hour hackathon
Taught attendees how to code and object-oriented programming
YOUTH FOR ASIAN THEATER, SAN FRANCISCO, CALIFORNIA, SUMMER 2012 - 2014
Playwright, Director (2014), Actor, Techie (2012-2013)
Wrote play "Exit the Void, Watch Your Step", about adversity and mental illness awareness
Performed at the San Francisco LGBT Center and the Randall Museum
READING PARTNERS, Tenderloin Community School, San Francisco, California October 2013- May 2014
Intern
Tutored elementary student with social communication disorder