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**TERESA M. IBARRA**

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## PROJECTS

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**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

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

## EDUCATION

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**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

## LEADERSHIP & ACTIVITIES

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**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