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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
Chosen to present at the White House to policymakers and Congressmen
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++, JavaScript, Inform
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
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, July 2013
Chosen to attend lectures by Nobel Prize winners and to participate in 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

HACKING GENERATION Y, January 2015
First Place, 1st Prize Winner, Misfit Watches Prize Winner
Created downtozork.js, a bot that guides chat room users through text-based adventures
Designed and wrote bot that guided over users through path with over 100 different scenarios
Reached over 6,000 people overnight, and has held 20,000 conversations with users in three days

BESSIE CARMICHAEL ELEMENTARY SCHOOL, Spring 2015
Technology Mentor, Teaching Assistant
Taught ten Filipino and Chinese girls and boys basic computing concepts, introduced to programming

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 inner-city schools

CODEDAY (SAN FRANCISCO), October 2015
Assistant Organizer
Managed 24-hour hackathon, taught attendees how to code and object-oriented programming

YOUTH FOR ASIAN THEATER, Summer 2012 - 2015
Playwright, Director (2014), Actor, Techie (2012-2013)
Wrote play "Exit the Void, Watch Your Step" about adversity and mental illnesses (performed in 2014)

READING PARTNERS, Tenderloin Community School, October 2013- May 2014
Intern, Tutor
Tutored elementary student with social communication disorder