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TERESA M. IBARRA

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EDUCATION

HARVEY MUDD COLLEGE, 2015-2019
Bachelor of Science in Computer Science

LOWELL HIGH SCHOOL, 2011-2015
AP Scholar with Distinction, Honor Roll Student (2014)
Advanced Placement Classes: Computer Science, Calculus AB, Physics B, Biology,
Human Geography, Comparative and U.S. Government & Politics,
Literature, Language, Chinese

MAKESCHOOL SUMMER ACADEMY, San Francisco, California, Summer 2014
Developed and published iOS game, while honing skills in Objective-C, 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

PROJECTS

FIRST WORLD PROBLEMS *(iOS GAME)*, September 2014
2014 ESA LOFT Innovation Award Winner
Chosen to present at the White House to policymakers and Congressmen
Series of unique physics games with trend-inspired artwork
Over 20,000 plays, 3,000 gameplay sessions overall (May 2015)

HACKING GENERATION Y, January 2015
First Place 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

SKILLS

COMPUTER	Proficient in Java, Objective-C, Python; Familiar with HTML, CSS, JavaScript, Inform
LANGUAGES	Fluent in English, Chinese (Mandarin)

AWARDS & ACTIVITIES

NCWIT ASPIRATIONS IN COMPUTING AWARD, 2014-2015
National Runner-Up & Affiliate Runner-Up
Awarded to top applicants for their computing achievements, leadership ability, and aptitude

BESSIE CARMICHAEL ELEMENTARY SCHOOL, Spring 2015
Technology Mentor, Teaching Assistant
Taught ten Filipino and Chinese female students basic computer science concepts, programming

CODEDAY (SAN FRANCISCO), October 2014, May 2015
Assistant Organizer
Managed 24-hour hackathon, taught attendees how to code and object-oriented programming

LOWELL HARRY POTTER ALLIANCE, 2012-2015
Chapter Organizer, President (2013), Public Relations, Club Representative (2012)
Promoted social justice in the San Francisco community through books drives for inner-city schools

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, October 2013- May 2014
Intern
Tutored elementary student with social communication disorder at the Tenderloin Community School