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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

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

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

SKILLS

COMPUTER Proficient in Java, Objective-C, Python; Familiar with HTML, C++, JavaScript, Inform

LANGUAGES Fluent in English, 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 Harry Potter related events

Organized and donated hundreds of books to 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, Tutor

Tutored elementary student with social communication disorder at the Tenderloin Community School