TERESA M. IBARRA

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PROJECTS

FIRST WORLD PROBLEMS (IOS GAME), Released to Apple App Store in September 2014

Winner of the 2014 ESA LOFT Innovation Fellowship for addressing overdependence on technology Chosen from twenty fellows to present 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

MAFIA PARTY (IOS GAME), Unreleased (August 2014)

Social networking twist on the physical game Mafia

Created at the 2014 Y Combinator Hackathon

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; Familiar with Java, 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

MAKEGAMESWITHUS SUMMER ACADEMY, San Francisco, California June 2014-August 2014

iOS 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

EXTRACURRICULARS

YOUTH FOR ASIAN THEATER, San Francisco, California 2012-2014 (Summer)

Playwright, Director (2014), Actor, Techie (2012-2013)

Wrote play "Exit the Void, Watch Your Step", a pre-apocalyptic story about adversity and mental disorder awareness, which was performed at the San Francisco LBGT Center and the Randall Museum

LOWELL THEATER, Fall 2011 - present

Actor, Dancer, Singer

Participated as Witch in Macbeth, as Mitzi (Lead Dancer) in Crazy For You, and as Singer in You Can't Take It With You

HUMANS OF LOWELL HIGH, Spring 2014 - present

Photographer & Page Manager

Photographed peers in the Lowell community

Documented stories and published them to the official Facebook page

EXPERIENCE

IBARRA PLC, San Francisco, California 2011-2014

Administrative Assistant & Billing Assistant

Maintained billing for law office using QuickBooks

Managed front desk and took calls

LEADERSHIP AND ACTIVITIES

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)

LOWELL SCIENCE RESEARCH CLUB Fall 2011-Spring 2012

Member

Volunteering

CODEDAY (SAN FRANCISCO), WIX LOUNGE, SAN FRANCISCO, CALIFORNIA, OCTOBER 2014

Helped manage the San Francisco 24-hour hackathon

Taught attendees how to code and object-oriented programming

LAWRENCE BERKELEY HALL OF SCIENCE, Berkeley, California June 2013-August 2013

Managed the Ingenuity Lab and explained scientific and architectural concepts to visitors

READING PARTNERS, Tenderloin Community School, San Francisco, California October 2013- May 2014

Tutored elementary students with social communication disorders

Assisted and taught children at a lower reading level

CALIFORNIA SCHOLARSHIP FEDERATION, California August 2013-present

Tutored peers in Geometry, Advanced Algebra, Physics, Biology