EMAIL: mtmibarra@gmail.com

PHONE: 415 · 867 · 0706

TERESA M. IBARRA

WEBSITE: teresamibarra.me

GITHUB: github.com/klipspringr

LINKEDIN: /in/mariateresaibarra

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, 1sb 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 Teacher, Teaching Assistant

Taught a dozen Filipino students (mostly girls) basic computing concepts, introduction 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