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**TERESA M. IBARRA**

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## EDUCATION

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**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

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**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

**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

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

## AWARDS & ACTIVITIES

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**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