

RELEVANT COURSEWORK

Introduction to
Programming and
Computation

Introduction to
Engineering

Design Thinking

Computer Animation

3-D Digital Modeling

Problem Solving via
Object-Oriented
Programming

SKILLS

Python

Maya

Qualtrics

HTML5/CSS3

Bootstrap

Illustrator

Photoshop

LANGUAGES

English

Spanish

CONTACT

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LUISA VASQUEZ

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EDUCATION

2014-2018

Dartmouth College *Hanover, NH*

Major in Computer Science, Minor in Human Centered Design

2010-2014

Oak Park River Forest High School

Honors: National Hispanic Merit Scholar
Bryn Mawr College Book Award in English
Science National Honor Society
Captain of Varsity Badminton Team. Member of Robotics Team.

EXPERIENCE

Code Play Learn

June 2014 - Present

STEM Curriculum Designer/Developer | Teacher | Manager

- Taught and motivated hundreds of 1st-8th grade students essential engineering, coding, and science skills through customized dynamic and engaging curriculum
- Designed curriculum for VEX robotics, LEGO Engineering, and Minecraft Modding courses which reached over 300 students; Created over 30 hours of curriculum via instructional videos for Minecraft Modding Course
- Managed and supervised 2-4 employees on a daily basis; Informed parents and guardians of learning goals and student accomplishments during daily drop-off/pick-up

Tiltfactor January 2015 - June 2015

January 2015 - Present

Assistant Researcher: Intern through Women in Science Program

- Developed Python Script for NSF REAL project to mine Twitter and then visualized search results from thousands of Tweets relating to minorities in STEM
- Designed game prototype for research project; Conceptualized game, wrote trivia and content, created paper and digital prototypes, and ran multiple prototypes through play testing
- Conducted in-field interviews for iPad vs. Paper Research Study
- Collaborated with team members to design, develop, and launch a website (i-am-more-than.org)

Oak Park Education Foundation

2010-2014

Teacher Assistant | VEX Competition Judge Organizer

- Helped teach LEGO Geared Up Engineering camp during the summers of 2010 and 2011
- Organized and welcomed official judges for 2014 VEX Robotics Competition at Percy Julian Middle School

VEX Robotics Club, Gwendolyn Brooks Middle School

2010-2014

Coach and Mentor

- Led a group of 6th grade girls to through Local, Regional, and National competitions
- Mentored over 50 students yearly to plan, build, and program their robots for competition