

RELEVANT COURSEWORK

Introduction to
Programming and
Computation

Introduction to
Engineering

Design Thinking

Computer Animation

SKILLS

Python

Maya

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
Extracurriculars: CoderDojo, Women in Computer Science, Dartmouth Humanitarian Engineering
- 2010-2014** **Oak Park River Forest High School**
Honors: National Hispanic Merit Scholar
Bryn Mawr College Book Award in English
Science National Honor Society
Extracurriculars: Captain of Varsity Badminton Team
Member of Robotics Team

EXPERIENCE

- Code Play Learn | Oak Park, IL** **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 | Dartmouth College** **January 2015 - June 2015**
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)
- CoderDojo | Dartmouth Tucker Foundation** **Fall 2014 - Present**
Volunteer
- Traveled to Windsor School and taught Scratch coding and HTML/CSS as part of an after school service program
- Oak Park Education Foundation | Oak Park, IL** **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 Middle School Robotics Club | Oak Park, IL** **2010-2014**
Coach and Mentor
- Mentored team of 6th grade girls through inception, design, and building of robot and coached them through their success at the local, regional, and national levels
 - Inspired girls in club to succeed amongst majority of male participants