

RELEVANT COURSEWORK

Full Stack Web
Development

Design Thinking

Computer Animation

3-D Digital Modeling

Digital Electronics

Problem Solving via
Object-Oriented
Programming

Digital Design

Architecture I

TECHNICAL SKILLS

Python, Java, C

Sketch,
Illustrator,
Photoshop

Maya, Rhino

Qualtrics

React, Redux

HTML5/CSS3/ES6

LANGUAGES

Native proficiency:
Spanish

CONTACT

4667 Hinman
Dartmouth College
Hanover, NH 03755

Luisa.N.Vasquez.18
@dartmouth.edu

603.277.1198

LUISA VASQUEZ

WEBSITE: VLUISA.GITHUB.IO

EDUCATION

2018

Dartmouth College *Hanover, NH*

Major in Computer Science modified with Digital Arts,
Minors in Human Centered Design

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.

RELEVANT EXPERIENCE

DALI Lab

March 2016 - Present

Developer and Designer

- Corresponded with Tuck business student clients as part of a 5-person team to reimagine a new user interface for a social music app
- Mocked-up and designed user interface according to client needs and then collaborated to develop a beta React Native App to use on incoming students

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

Tiltfactor

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
- Used rapid prototyping techniques and play testing to design a game which served as an alternative to a Bystander Intervention education for first year students
- Conducted in-field interviews for "iPad vs. Paper" Research Study
- Collaborated with team members to design, develop, and launch a website to raise awareness about biases and microaggressions (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 local 2014 VEX Robotics Competition

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 (from October through February) to plan, build, and program their robots for competition