

# Roger Strang

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## EXPERIENCE

**ESL Educator** Aug 2016 - June 2017  
*Vietnamese-American Civic Assoc. Boston, MA*  
Created and implemented original lessons for 33 adults beginning to learn English, leading to 28% gain on the premier adult ESL assessment, and increased confidence and motivation to integrate into U.S. culture.

**Consultant** Sept 2015 - June 2016  
*TeachersConnect Boston, MA*  
Carried out tasks centered on user research, market research, and social media outreach for a small startup, contributing to product design principles, partnership opportunities and increasing Twitter followers from 5 to 200.

**ESL Tutor** Aug 2015 - June 2016  
*Quincy Public Schools Quincy, MA*  
Provided targeted instruction to 20 ESL and SPED students, leading to improved English and math skills.

**Educator** Oct 2014 - June 2015  
*Worcester Public Schools Worcester, MA*  
Developed and carried out project-based learning and data-driven curriculum for math, science, social studies and college readiness skills to two student groups: all newcomers to the U.S., and a mix of newcomers and U.S.-born students. This led to an 8% increase in math achievement on a standardized test.

**Substitute Teacher** Sept 2013 - June 2017  
*Various Public School Districts Greater Boston Area*  
Upheld high expectations and facilitated positive rapport with students.

## PROJECTS

**Project-based Learning**  
Created a four-week social studies unit during which students worked collaboratively to research a country from multiple perspectives. They designed soccer team artifacts and presented to the class.

**Educational Video Series**  
Ongoing project. Produce videos for an audience of social studies teachers, about international cultures. Recruit participants, film, edit and place on youtube.

**Educational Games**  
Take real-world educational problems; design games for impact.

## EDUCATION

**Carnegie Mellon University**  
School of Computer Science  
MS in Educational Tech. and Learning Science (METALS)  
Aug 2017 - Aug 2018 (Expected)

**Boston College**  
M.Ed in Elementary Education  
Donovan Urban Teaching Scholar  
Graduated Jan 2013

**Cornell University**  
BS in Biology & Society  
Graduated June 2010

## SKILLS

**Instructional Design**  
Backwards Design (advanced)  
Inclusive Design for ESL (advanced)  
Project-based Learning (advanced)  
Curriculum Development (advanced)

**Software Tools**  
Wordpress (beginner)  
Adobe Illustrator (beginner)  
Indesign (beginner)  
Sketch (beginner)  
Video Editing: Final Cut Pro X (beginner)

**Languages**  
Spanish (intermediate)  
Python (beginner)

## VOLUNTEER EXPERIENCE

**MIT Teaching Systems Lab**  
Tested and reviewed a blended curriculum for teacher preparation.

**Posse Foundation**  
Mentored a high school senior to support her research and writing skills.

**Wellesley Public Media**  
Assisted in filming events.

**Cornell University**  
Orientation leader and supervisor.