

## EDUCATION

### Stanford University

*Stanford, California*

### Master of Arts, Secondary Education, Class of 2012

#### Stanford Teacher Education Program

- Obtained a Single-Subject Teaching Credential for Mathematics with English Learner Authorization

### Rensselaer Polytechnic Institute

*Troy, New York*

### Bachelor of Science, Mathematics, Class of 2011, GPA: 3.62 cum laude

#### Senior editor of *The Polytechnic*, RPI's student-run weekly newspaper

- Wrote, proofread, and laid out articles in Adobe InDesign
- Recruited and trained new staff in layout and editing style

#### Math Honor Society, Pi Mu Epsilon, New York Kappa Chapter

- Served as member, secretary, and webmaster
- Organized induction events and coordinated the scholarship committee

## EXPERIENCE

### Freelance Web Developer

*San Jose, California*

- Meet with clients to discuss site requirements
- Design, create, and manage websites for small business owners
- Write custom scripts to meet client needs

**2013 – Present**

### Math Teacher, Department Chair

#### ★ Vision Award '14

Leonard Herman  
Intermediate School  
*San Jose, California*

- Facilitated meetings, monitored budget, and ordered supplies for the department
- Acted as a liaison between department staff and administration
- Adapted curriculum and wrote detailed standards-aligned lesson plans
- Designed district-wide curriculum materials and pacing for the Accelerated Common Core 7th grade mathematics course
- Established detailed learning objectives for students as well as clear rules and expectations for classroom behavior
- Evaluated and reflected on student progress through various forms of assessment

**2013 – 15**

### Undergraduate Researcher, Programmer

Rensselaer Polytechnic  
Institute  
*Troy, New York*

#### Department of Mathematical Sciences

- Researched strategies for using multimedia to help explain college-level mathematics

**2009 – 11**

#### Department of Cognitive Sciences

- Analyzed eye-tracking and electroencephalogram data
- Modeled human locomotion in complex environments using MATLAB
- Helped run experiments using virtual reality and motion capture

### After School Game Design Instructor

Doyle Middle School  
*Troy, New York*

- Taught 6th and 7th graders how to program virtual robots using a modified version of the Python programming language
- Collaborated with instructors on how to improve the usability of the programming curriculum app

**2010 – 11**

### Student Worker

RPI Course Development  
*Troy, New York*

- Helped professors integrate multimedia into lesson plans for the classroom and distance learning
- Managed content on the university's learning management system

**2009**

## SKILLS

### Web Development

HTML, CSS, Jekyll, jQuery, Responsive  
Web Design, Ruby on Rails, Bootstrap

### Programming Languages

Ruby, Python, JavaScript, C, MATLAB

### Spoken Languages

English (Fluent)  
French (Intermediate)