

EDUCATION

Stanford University

Stanford, California

Master of Arts, Secondary Education, Class of 2012, GPA: 4.00

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)