Julia M. Van Cleve

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Contact

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Website: jmv.me
GitHub: jmvx

Education

Stanford University, Stanford, California
Master of Arts, Secondary Education, Class of 2012
– Obtained a Single-Subject Teaching Credential for Mathematics through the Stanford Teacher Education Program.

Rensselaer Polytechnic Institute, Troy, New York
Bachelor of Science, Mathematics, Class of 2011, GPA: 3.62 *cum laude*
– Math Honor Society, Pi Mu Epsilon, New York Kappa chapter
  · Served as member, secretary, and webmaster.
  · Organized induction events and coordinated the scholarship committee.
– *The Polytechnic*
  · Elected senior editor of 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.

Experience

Freelance Web Developer   **2013 – Present**
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.

Math Teacher, Department Chair   **2012 – 15**
Leonard Herman Intermediate School, San Jose, California
– Facilitated meetings, monitored budget, and ordered department supplies.
– Acted as a liaison between department staff and administration.
– Adapted and designed district-wide curriculum materials, assessments, and pacing.

Undergraduate Researcher, Research Programmer   **2009 – 11**
Rensselaer Polytechnic Institute, Troy, New York
– Department of Cognitive Sciences
  · Researched multitasking, decision making, and basic cognitive tasks.
  · Analyzed eye-tracking and electroencephalogram data.
  · Modeled human locomotion in complex environments.
  · Helped run experiments using virtual reality and motion capture systems.
– Department of Mathematical Sciences
  · Researched strategies for using multimedia in college-level mathematics.

After School Game Design Instructor   **2010 – 11**
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.

Student Worker   **2009**
RPI Course Development, Troy, New York
– Helped professors integrate multimedia learning technologies into lesson plans for the classroom and distance learning.
– Managed content on the university's learning management system.

SKILLS	**Web Development**
	HTML, CSS, Jekyll, jQuery, Markdown
	Responsive Web Design, Ruby on Rails, Bootstrap
	Programming Languages
	Ruby, Python, JavaScript, C++, MATLAB
	Spoken Languages
	French *Intermediate Proficiency*
CERTIFICATIONS	**Single-Subject Teaching Credential**
	Secondary Mathematics *English Learner Authorization*
AWARDS	**Vision Award, Oak Grove Elementary School District**

"Julia went above and beyond this year to plan, organize, research, and create units and lesson plans for her math department. Knowing that resources are very limited, she took the time to research for resources to create a curriculum for compacted math. Julia regularly spends extra hours to implement and refine the [wiki], and has shared this information with others. By using her resources, other staff members have saved hours of time, and her efforts have made a direct impact on her students."