Julia M. Van Cleve

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EXPERIENCE

Teacher, Department Chair   **2012 – Present**

Leonard Herman Intermediate School, San Jose, California

– Facilitate department meetings, monitor budget, and order supplies for math department.
– Act as a liaison between the department staff and administration.
– Adapt curriculum to create lessons aligned with the Common Core State Standards.
– Design district-wide curriculum materials and pacing for the Accelerated Common Core 7th grade mathematics course.
– Establish detailed learning objectives for students as well as clear rules and expectations for behavior.
– Evaluate and reflect on student progress through various forms of assessment.

> **Vision Award**
> *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.*

Freelance Web Developer   **2013 – Present**

Self-Employed, jmv.me, San Jose, California

– Create websites for small business owners using HTML, CSS, and jQuery.
– Write custom scripts to meet client needs.

Undergraduate Researcher, Research Programmer   **2009 – 11**

Rensselaer Polytechnic Institute, Troy, New York

– CogWorks Laboratories
  · Researched multitasking, decision making, and basic cognitive tasks.
  · Analyzed eye-tracking and electroencephalogram data using MATLAB.
– Perception and Action (PandA) Laboratories
  · Helped run experiments using virtual reality and motion capture systems.
  · Programmed in MATLAB to model human locomotion in complex environments.
– RPI Math Department
  · Researched optimal methods and formats for utilizing multimedia education in college-level mathematics.

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

Doyle Middle School, Troy, New York

– Taught sixth and seventh 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.

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.
- Taught at a range of Bay Area middle and high schools.
- Co-taught 9th–12th grade honors Geometry and remedial Algebra as part of student teaching requirements.

Rensselaer Polytechnic Institute, Troy, New York
Bachelor of Science, Mathematics, Class of 2011
- Graduated *cum laude*, GPA: 3.62
- Pi Mu Epsilon, New York Kappa chapter
  · Served as a member, secretary, and webmaster for the math honor society.
  · Organized induction events and coordinated the scholarship committee.
- *The Polytechnic*
  · Elected as a senior editor of Rensselaer's student-run weekly newspaper.
  · Wrote, proofread, and laid out articles in Adobe InDesign.
  · Recruited and trained new staff in layout and editing style.

Siena College, Loudonville, New York
Non-matriculated, School of Education, 2008
- Completed additional coursework in the School of Education while at RPI.

SKILLS

Spoken Languages
English, Fluent
French, Intermediate Proficiency

Programming Languages
C++, Python, Ruby, MATLAB

Web Development
HTML, CSS, jQuery, Markdown, Jekyll, WordPress

CERTIFICATIONS

Single-Subject Teaching Credential
Secondary Mathematics, English Learner Authorization