

# Sarah E. Van Loo

web: <http://www.sarahvanloo.com>

email: [sarah@sarahvanloo.com](mailto:sarah@sarahvanloo.com)

## Coding/STEAM Educator

### SUMMARY

Certified Visual Arts educator with five years' experience teaching computer science, engineering, and visual arts as a co-teacher and as a specialist, as well as personal experience using computational thinking and coding to create art. Passionate about collaborating with fellow educators to integrate STEAM disciplines and enhance students' learning as they make connections across the curriculum. Experienced in implementing Project Lead The Way elementary computer science and engineering modules and in developing standards-based curriculum as a K-12 subject area specialist.

### OBJECTIVE

To obtain a teaching position in a setting where I can impact students through their exploration of technology, arts, and other subjects, create an environment for learning, curiosity, and creativity, and collaborate with other teachers to develop and integrate the curriculum across disciplines.

### TEACHING QUALIFICATIONS

**State of Michigan Teaching Certificate, Visual Arts Education (LQ) K-12**

April 2018

License PF0000000963103

**State of Michigan, Educational Technology Endorsement (NP)**

September 2018

### EDUCATION

**Master of Arts in Educational Technology, Michigan State University**

2016-2018

Cumulative GPA 4.0 (4.0 scale)

Degree anticipated December 2018

**Graduate Certificate in Educational Technology, Michigan State University**

Granted August 2017

**Graduate Certificate in Online Teaching and Learning, Michigan State University**

Granted May 2018

**Post-Baccalaureate Teaching Certificate, Visual Arts Education (LQ) K-12, Eastern Michigan University (Equivalent to a Bachelor of Art Education)**

2010-2012

GPA 3.93 (4.0 scale)

**Bachelor of Business Administration, Accounting Information Systems,**  
**Eastern Michigan University**  
1992-1996  
GPA 3.79 (4.0 scale)

## TEACHING EXPERIENCE

**PLTW/STEAM Educator, Ann Arbor Public Schools, Ann Arbor, MI**

August 2016 - Present

Responsible for collaborating with classroom teachers to implement Project Lead The Way computer science and engineering curriculum in two buildings, presenting building-level and district-level professional development, organizing and managing materials, communicating with families, evaluating student data, participating in school improvement initiatives, and presenting student work at the district STEAM Expo and building Project Lead The Way Expos.

**Visual Arts Educator, Lincoln Consolidated Schools, Ypsilanti, MI**

December 2015 - June 2016

Responsible for developing and teaching standards-based Visual Arts curriculum in a K-5 setting across three elementary school buildings, organizing and managing art materials in a variety of media, communicating with families, evaluating student data, participating in school improvement initiatives, and displaying student artwork.

**Visual Arts Educator, Honey Creek Community School, Ann Arbor, MI**

August 2013 - December 2015

Responsible for developing and teaching standards-based Visual Arts curriculum in a K-8, project-based learning environment, collaborating with other educators to create integrated curriculum across disciplines, organizing and managing art materials in a variety of media, evaluating student data, displaying student artwork, communicating with families, and maintaining an online art gallery of student artworks.

**Visual Arts Educator, Forest School, Ypsilanti, MI**

August 2013 - December 2015

Long-term substitute placement through Professional Education Services Group.

Responsible for developing and teaching standards-based Visual Arts curriculum in grades 2-12 in a school for students who are certified with Severe Emotional Impairments, organizing and managing art materials in a variety of media, evaluating student data, accommodating individual needs, and developing relationships with students and staff to help foster those students' ability to succeed.

**Substitute Teacher, Honey Creek Community School, Ann Arbor, MI**

May 2012 - May 2013

Responsible for implementation of teachers' lesson plans, organizing materials, and classroom management.

**Substitute Teacher, Professional Education Services Group, Caledonia, MI**

May 2012 - Present

Responsible for implementation of teachers' lesson plans, organizing materials, and classroom management.

## PROFESSIONAL ORGANIZATIONS

**National Art Education Association**, 2013 - Present

**Michigan Art Education Association**, 2013 - Present

**National Education Association**, 2016 - Present

**Michigan Education Association**, 2016 - Present

**Ann Arbor Education Association**, 2016 - Present

## PROFESSIONAL PRESENTATIONS

**College of Education Technology Conference**, Michigan State University

November 2018

Presented a session on supporting struggling students with learning computational thinking

**Ann Arbor Creativity & Making Expo** (formerly Ann Arbor Mini Maker Faire)

May 2018

Presented a maker project at a public event that showcased learning Arduino coding to create visual art

**Project Lead The Way National Summit**

October 2017

Co-presented on the topic of integrating the arts into PLTW elementary curriculum

**AAPS Summer Tech Academy**, Ann Arbor Public Schools

August 2017

Co-presented on *Seesaw: The Learning Journal* to other district educators

**Greater Lansing Mini Maker Faire**, MSU MAET program

July 2017

On the committee responsible for planning, organizing, advertising, and presenting engaging projects designed to get elementary-aged students excited about the maker movement

## VOLUNTEER EXPERIENCE

**STEAM PLC**, Ann Arbor Public Schools

September 2017 - Present

Collaborate with other district educators to further the STEAM initiative

**Tynker Blue Ribbon Educator**

2017- Present

Attend professional development to further develop skills as a computer science educator, plan and lead community coding events, develop custom coding lessons.

**Seesaw Ambassador**

2017- Present

Attend professional development, learn about features of the application, share with other teachers by leading professional development and by demonstrating features to co-teachers.

**Member, Board of Directors/Treasurer, FLY Children's Art Center, Ypsilanti, MI**

2011 - September 2013

Attended board meetings, taught studio art classes on a volunteer basis, prepared and presented monthly financial reports, assisted with oversight and decision-making of organization.

**Student Ambassador, Eastern Michigan University Art Department, Ypsilanti, MI**

2011 - 2012

Presented information about the art program to beginning art students, with the intent of encouraging them to consider majoring in art.

**Docent, Looking Both Ways Exhibition, Eastern Michigan University, Ypsilanti, MI**

2010

Guided gallery attendees through the exhibition, encouraging them to interact with, think about, and discuss the artworks.

## HONORS AND AWARDS

**Scholar of Excellence**, Eastern Michigan University, Fall 2012

**Ford Hall Ceramics Show**, Art Display at Eastern Michigan University, Fall 2012

**Women in Art**, Art Show at Eastern Michigan University, April 2012

**Regent's Scholarship**, Eastern Michigan University, 1992 - 1996

## ADDITIONAL EXPERIENCE

**Accountant, Adams Concrete, Inc., Ann Arbor, MI**

August 2000 - October 2008 and October 2012 - Present

## TEACHABLE MEDIA & COURSEWORK

**Technology Education**

Scratch Jr., Hopscotch, Tynker, Scratch, Modkit for Vex, and Arduino IDE coding environments, Puppet EDU, Seesaw, 3D modeling software, Canvas LMS, WordPress, Mac OS, Windows, iOS, and the ability to quickly learn other applications as needed

**Art Education**

2-D and 3-D media, Non-Western Art History, and Western Art History