

Emma Lefley
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EXPERIENCE

Oscillate Technologies

Oakland, CA

Assistant

October 2021 – Present

- Organize studio space for a small interactive / multimedia software company
- Photograph and list equipment to be sold on the internet
- Computer infrastructure maintenance
- Design and fabricate studio storage units
- Designed and fabricated three modular synthesiser cases

Sticky Art Lab

Berkeley, CA

After School Program Coordinator / Facilitator (Grades K-5)

December 2016 – June 2021

- Point of contact with parents about after school program
- Organize program information for students
- Collaborate with other facilitators to develop after school program curriculum
- Teach concepts involving art and technology including computer music, circuit building, and projection mapping
- Independently develop art projects for the after school program, camps and homeschool classes

Out of this World Advice

Oakland, CA

Art Technologist

2016 – Present

- Developed 'Out of this World Advice' (OWA), an interactive musical installation
- Installed at various events including Burning Man, Linux Audio Conference, CODAME Art & Tech Festival
- Led design and fabrication of physical installation/project components
- Develop musical concepts and ideas, and create music and sounds for installations

Art Tutor

Berkeley, CA

Freelance

2017

- Taught fundamentals of drawing and painting to a 5 year old child
- Worked with the child to explore and channel their creativity

Great Lakes Educational Loan Services, Inc.

Madison, WI

Front-End Web Development Intern

May 2016 – August 2016

- Debugged, fixed, and improved code for various Great Lakes Student Loans websites
- Selected to lead development of intern portal project in response to feedback regarding intern program
- Collaborated with designers, human resources, and marketing to identify requirements for projects
- Worked with HTML, CSS, and LESS to build and develop the websites

SKILLS

- Facilitating child development and art education
- Creating interactive installations
- Developing concepts with ChuckK, SuperCollider, Ableton Live, Processing, Arduino, Pure Data, Max/MSP, HTML, CSS, JavaScript, OpenFrameworks, and Computer Vision
- Using Adobe products, SketchUp, Fusion360, and other productivity software
- Drawing, painting, glass blowing, ceramics, 2-D and 3-D fundamentals
- Collaborated in a live coding computer music duo in San Francisco, CA
- Participated in the advisement of college level music course curriculums for City College of San Francisco
- Wood and acrylic fabrication
- Maintain a business selling paintings and light sculptures

EDUCATION

Illinois State University

Normal, IL

Bachelor of Science, Arts Technology, Studio Art Focus

May 2016