

Continued development of p5.js Showcase

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Project Abstract

(Describe your idea in one or two sentences.)

Curating artist lists, reaching out to new artists, designers, educators and creators along with the continued development and update of the p5.js Showcase. Developing and updating the showcase page with accessibility and interactivity in mind. This enables us to showcase the creativity of newer unrecognized artists in the field and helps us spread their work through open-source collaboration.

Project Description

(Describe your project in more detail. How will your project expand the possibilities of the Processing software? Who is the target audience for your project?)

+ Continued development of p5.js Showcase

We recently launched a new curated showcase on the p5.js website. This project would involve updating and continuing to develop this gallery. This means identifying and curating an artist list, finding their contact information, reaching out to them for existing examples or inviting them to make new ones, gathering and standardizing the files, and adding them to the p5.js website. It would also involve developing the showcase webpage with consideration for accessibility and interaction. It would be good to start by looking at the write-up by Ashley Kang and the write-up by Connie Liu who worked on this over the past two summers. Think about ways you might extend the project by (1) developing the site, and (2) adding to the curation of examples. What criteria would you use for curating? How would you reach out to people? What is missing?

- Expected Outcomes: Updated set of p5.js examples for p5.js website showcase
- Skills Required: JavaScript, HTML, CSS, communication skills
- Possible Mentors: TBD
- Difficulty: intermediate, or advanced

The project helps us in identifying, highlighting and showcasing the work from new and upcoming creators, digital artists and educators who are enthusiastic about sharing their work with the community. The project also focuses on the continued development of the p5.js showcase to ensure latest best practices in web development and design.

1. Curation and reaching out to the community:

Inspiration can come from lots of places and not necessarily from someone with experience in art or software development. This follows the motivation of p5.js that coding can be made accessible to anyone along with the software and tools to do so. Previously in the past, I have taken inspiration from a lot of websites but [Pinterest](#), in general, caught my attention because it displays work from a huge community of people and provides a platform to connect with them. Also, lots of people share their work on [Twitter](#) and [Instagram](#) which might be a great place to connect with people. This will also involve promoting p5.js through the creation of flyers and posters that can help draw in more submissions from the community. Reaching out to the people outside of social media can be discussed but the focus is mainly on social media.

2. Developing the showcase:

- The project will follow the best practices in web development and design (responsiveness and interactivity) and help showcase the creative works of individuals on the web.
- The project follows the guidelines of accessibility such as ensuring usage by disabled users of p5.js (ex: descriptions for visually impaired users).
- The project aims to improve user interactivity and responsiveness on mobile devices.
- The project can involve adding internationalization improvements for the website.
- The project also supports creators by linking their work (through hyperlinks) on the showcase website.

Development Process

(Describe your development process. What is your proposed timeline? What do you expect to have completed by midterm and final?)

Outline:

Community Bonding (May 17 - June 7)	• Learn about the Processing community • Meet the maintainers and mentors of the project. • Research artists and creators who use p5.js and connect with them.
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Coding Starts	• Development environment ready
Coding Phase-I (June 7 - July 16)	• Reach out to people who are interested in submitting their work to the showcase through social media (Twitter, Instagram?). • Curate artist lists and gather contact info. • Gathering examples to showcase on the p5.js website or inviting them to submit more • Discussing new UI features with the mentor and enhancing them according to the requirements. • Prototyping and developing the website. • Staying in touch with the mentor to get feedback as necessary.
Evaluations (July 12 - July 16)	• Address the issues that arises during the evaluation
Coding Phase-II (July 16 - Aug 16)	• Start adding the final curated list of examples to the showcase • Address any issues arising with accessibility and interactivity in the website. • Fixing bugs • (Improving on the internationalization of the showcase?) • Promote the showcase with friends and community on social media. • Staying in touch with the mentor to get

	feedback as necessary.
Code Submission and Final Evaluation (Aug 16 - Aug 23)	Address issues found during evaluation
Final Evaluation (Aug 23 - 30)	Submit

More about you

(What are your interests and experience? Which of the Processing software projects have you used and what was your experience like? Have you contributed to other open source projects? If you have an online portfolio, github account, or other relevant documentation of your work, please include links.)

Interests:

My interests encompass that of developing new innovative technologies that are accessible to anybody and everybody. Coding must be free and learning must be universal! Google Summer of Code provides a great opportunity to get associated with organizations with similar goals and objectives.

Experience:

I am a second year CSE undergraduate at the prestigious institute of [IIIT Gwalior, India](#). I am familiar with programming in Javascript, Python and C++ and have used HTML and CSS for many of my personal projects. I am an independent web developer and have been a part of multiple web development projects in the past. I am also highly intrigued by Deep Learning.

I am fluent in three languages - English, Hindi and Bengali.

Previously I have written a few technical blogs on web design and development.

I have come to use p5.js previously during some of my coding endeavours and I think that it is a great software that can help educators, creative coders and data scientists in their respective tasks and now I want to contribute back to the community for the same.

Previously I have contributed to organizations such as [Zulip](#) and [Sunpy](#) in the past (as an open source contributor through Github) so I am familiar with open source.

Apart from that I spend my leisure time reading books listening to music and learning Japanese.

Links:

Personal Website: <https://molybdenum.netlify.app>

Github: <https://github.com/4molybdenum2>

Twitter: <https://twitter.com/4molybdenum2>