

SONIA BOLLER

CREATIVE TECHNOLOGIST | DESIGNER

+1 (312) 301 2893

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soniaboller.com

STATEMENT OF PURPOSE

Detail oriented creative technologist drawn to exploring the intersection of nature, technology and humans through dynamic and static visual mediums.

I am interested in using technology to explore form, shape, and color, and leveraging those as ways of transforming and visualizing data.

 github.com/soniaboller

 [linkedin.com/in/sboller](https://www.linkedin.com/in/sboller)

 [instagram.com/sboller/](https://www.instagram.com/sboller/)

SKILLS

JavaScript 

openFrameworks 

Web Audio API 

Node / Express 

Angular / React 

THREE.js 

Arduino 

HTML5 

CSS 

jQuery 

Python 

MySQL/SOQL 

Salesforce 

Apex 

Visualforce 

EXPERIENCE

STUDENT / ARTIST IN RESIDENCE

School for Poetic Computation | Sept 2018 - Dec 2018

Explored the intersections of code, design, hardware, and theory
Collaborated in small groups on creative experimentation projects

ENGINEER

Yurgosky Consulting | Mar 2017 - Sept 2018

Created innovative software for non-profits to enhance their CRM
Utilized data to create compelling and informative visualizations

WEB DEVELOPMENT IMMERSIVE

General Assembly | Sept 2016 - Dec 2016

600+ hours learning to develop full-stack web applications
Participated in group and individual projects

NATURE LAB ASSISTANT

Natural History Museum | Aug 2014 - May 2015

Assisted in a project compiling data about butterfly species
Sorted insects under a microscope into their respective orders

PUBLISHED PROJECTS

GEOMETRIC TUNEAGE

Audio visualization of particles on various 3D trajectories
Featured on Chrome Experiments: <http://bit.ly/2zQjvCH>

AUDIBLE VISUALS

Audio visualization based on the Archimedean Spiral
Featured on Chrome Experiments: <http://bit.ly/2Imzi7t>

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA

Bachelor of Science Environmental Studies | May 2015

USC Presidential Scholar – Merit-based four year half tuition scholarship
USC Dornsife Dean's List

UNIVERSITY OF EDINBURGH

Study Abroad | Sept 2013 - Dec 2013

School of Geological and Earth Sciences / Geosciences
Edinburgh University Mountaineering Club