

# SONIA BOLLER

CREATIVE TECHNOLOGIST | DESIGNER

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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](https://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

Liaison between Fortune 500 companies and small businesses  
Developed effective business presentations and leadership skills

### ENGINEER

Yurgosky Consulting | Mar 2017 - Sept 2018

Creating innovative software for non-profits to enhance their CRM  
Utilizing 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