

# Jessye Coleman Shapiro

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github.com/jessyec-s

## RELEVANT EXPERIENCE

### Agile Engineer Intern @Helpful

Summer 2018

- > Enhanced the Dialog React App audio experience through the implementation of Twilio's programmable video service.
- > Developed and iterated upon a simplified Dialog user experience using JavaScript.
- > Created a silence detector for IPv6 Dialog users in order to prevent silent broadcasts.

### Software Engineer Intern @Square, Inc.

Summer 2017

- > Created a python script that identifies problematic domain crossovers in a Netlist.
- > Constructed a 3D printed credit-card holder in Solidworks for chip testing.

### Electronics Team Member @U of T Human Powered Vehicle Project

Sept 2016 - present

- > Developed an Arduino (C) program that notifies a driver when their vehicle is in danger of rolling over.
- > Created an Android app that displays the vehicles current speed, distance, headlight use and warnings for rollover occurrence.

### Website Development Executive @Engineering Stores

Summer 2017

- > Designed a responsive website using HTML, CSS and Wordpress software.

### Research Opportunity Program in Engineering @Ryerson University

Summer 2015

- > Created a Solidworks model of Sunnybrook Hospital's angiography to optimize the room's design.

## PROJECTS

### GIS Map Application

- > Term project completed with two teammates.
- > Imported and stored OSM data in order to visualize cities with EasyGI software.
- > Created a responsive user environment with a search bar, buttons to hide or display categorized points of interest and route highlighting.

### Home Depot Employee App @Ellehacks 2018

- > An Android app that educates employees about current Home Depot Products.
- > The "Home Depot Run" game is a feature where one's player must dodge products or watch an informative video about the obstacle they struck.

## EDUCATION

### University Of Toronto

2016 - 2020

Bachelor of Applied Science and Engineering,

Computer Engineering

## SKILLS

### Programming Languages

JavaScript, HTML, CSS, jQuery, Python, SQL, C, C++, Go, Assembly, Verilog, Swift, MATLAB

### Frameworks

React, Spring, Node, Wordpress

### Tools

Postman, Postico, Git, Photoshop, Illustrator

## AWARDS

### Dean's Merit award 2016

### Albright Knox Gallery

Buffalo, NY 2016

Selected for the Future Curator's visual art's exhibition

## INTERESTS

Traveling, Drawing, Ultimate Frisbee.