

# Jessye Coleman Shapiro

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## RELEVANT EXPERIENCE

### ASIC 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.

### Website Development Executive @ Engineering Stores

Summer 2017

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

### 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.

### Firebook Handbook Graphics Executive @ University of Toronto

Summer 2017

- > Utilized Photoshop, Illustrator and InDesign to create graphics that complemented accompanying text.

### 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.

### Circuit Solver

- > A C++ program that makes sense of a user's given data in order to solve all node voltages of the inputted circuit.

## EDUCATION

### University Of Toronto

2016 - 2020

Bachelor of Applied Science and Engineering,  
Computer Engineering

## SKILLS

### Programming Languages

Ruby, HTML, CSS, jQuery, Python,  
MATLAB, SQL, C, C++, Verilog, Git.

### Tools

Wordpress, Photoshop, Illustrator,  
InDesign, Solidworks, Microsoft  
Office

## 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.