**Jessye Coleman Shapiro**

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**RELEVENT 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.

# F!rosh 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 201s

> 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 EasyGl 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.

**github.com/jessyec-s**

**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, lnDesign, 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.