

Jessye Coleman Shapiro

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RELEVANT EXPERIENCE

Agile Engineer Intern @Helpful

Summer 2018

- > Improved 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.

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.