Jessye Coleman Shapiro

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RELEVENT EXPERIENCE

OpenJDK Intern @Red Hat, Inc.

May 2019 - August 2020
> Worked on JDK Mission Control (JMC), an open source tool suite for the JVM.
> Created new JMX operations for the JMC Agent that allowed users to interact with their applications at runtime
> Created a JMC plugin to make the Agent usable within JMC.

Agile Engineer Intern @Helpful

Summer 2018
> Enhanced the Dialog React App audio experience through the implementation of Twilio's programmable video service.
> Developed an IPv6 to 1Pv4 proxy for audio streaming.
> Created an audio silence detector for IPv6 Dialog users.

Software Engineer Intern @Square, Inc.

Summer 2017
> Created a script that identifies problematic domain crossovers in a Netlist.
> Constructed a 3D printed credit-card holder in Solidworks for chip testing.

Electronics Team Head @U of T Human Powered Vehicle Project

Sept 2016 - 2019
> Developed a Bluetooth based rollover warning system for vehicle drivers.
> Created an Android app that displays the vehicles current speed, distance, headlight use and warnings for rollover occurrence.

Research Opportunity Program in Engineering @Ryerson

Summer 2015
> Created a Solidworks model of Sunnybrook Hospital's angiography suite to optimize the room's design.

PROJECTS

GIS Map Application

> Term project completed with two teammates.
> Imported and stored OSM data 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.

My Personal Website

> A React Web app that helps you learn more about me!

EDUCATION

University Of Toronto
2016 - 2021
Bachelor of Applied Science and Engineering,
Computer Engineering

SKILLS

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

Frameworks
React, Spring, Node, Wordpress

Tools
Postman, Postico, Git, Photoshop, Illustrator

Other
AWS (EC2)

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.