Jessye Coleman Shapiro

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github.com/jessyec-s

Quick-learning Computer Engineering student with a unique mix of analytical and design skills seeking summer opportunity with dynamic tech company. With a track record of high achievement and a proven ability to work collaboratively in team-based environments, I am well positioned to dive in and make an immediate contribution to your business.

RELEVENT EXPERIENCE

ASIC Intern @ Square
Summer 2017
> Created a python script that identifies problematic domain crossovers in a circuit's Netlist.
> Constructed a 3D printed credit-card holder in Solidworks for chip testing.

Website Developement 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.
> Improved the accuracy of the rolling resistance test by implementing Hall effect sensors into the test apparatus.

F!rosh Handbook Graphics Executive @ U of T
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

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.

Memory FPGAme
> An interactive game ran on a FPGA board, written in Verilog and displayed using a VGA cable.
> Players determine if the card moving across the monitor matches the one last displayed.

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 Curators visual art's exhibition

INTERESTS

Drawing, graphic design, traveling