Jessye Coleman-Shapiro

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EXPERIENCE

Software Engineer — Top Hat Monocle, Inc.

May 2021 - Present

> Designed and developed a more reliable system to propagate content between textbooks.
> Planned and implemented observability initiatives for my team's domain.
> Developed an improved content diffing view for Top Hat authors.

OpenJDK Engineer — Red Hat, Inc.

May 2019 - August 2020

> Improved the usability of **JMC**, an open-source tool suite for the JVM.
> Developed the JMC Plugin that manages the JMC Agent lifecycle and controls an agent's behavior.
> Created new JMX operations for the **JMC Agent** that allow users to interact with their applications at runtime.

Software Engineer Intern — Helpful

Summer 2018

> Enhanced the Dialog React App audio experience through the implementation of Twilio's programmable video service.
> 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.

PROJECTS

Robotic Arm Control and Reinforcement Learning — U of T

September 2020 - April 2021

> Trained a robotic arm to locate and touch an object in space.

Electronics Team Lead — U of T Human Powered Vehicle Team

September 2016 - 2019

> Developed a Bluetooth based rollover warning system for vehicle drivers.

EDUCATION

University of Toronto

2016-2021

Bachelor of Applied Science and Engineering, Computer Engineering

SKILLS

Languages

Python, SQL, C, C++, Java, Go, Typescript, JavaScript

Frameworks

React, Django, FastAPI, Spring, Node

Other

AWS, Docker, Jenkins, Datadog, Git, React Query, Redux, Jira, Linux, Agile

AWARDS

JMC Author 2019

Received author status for the open source project JDK MIssion Control

Dean's Merit Award 2016

INTERESTS

Traveling, Drawing, Frisbee