




Yash Gajaria

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 647-937-3138

SKILLS

- o **Languages:** Python, C++, Java, JavaScript, HTML, SQL
- o **Technologies:** Node.js, Solidworks, Express, MongoDB, PostgreSQL, SQLAlchemy, Arduino
- o **Tools:** VSCode, Git, CLion, Heroku, Google Cloud Platform, Node-Red, Eclipse, Android Studio

EXPERIENCE

OpenText

Software Quality Assurance Specialist

Waterloo, Ontario

Jan 2020 - April 2020

- o Used **Kubernetes** on Google Cloud Platform and Docker Desktop to run and write test cases on the OpenText Content Suite Docker Containers in Windows and Linux environments
- o Developed and ran test cases and documented results in company repository while tracking progress in Jira to conduct regression testing on quarterly releases of the Content Server Platform
- o Wrote and monitored automated tests in **Java** using Selenium WebDriver and Eclipse with Perforce version control software
- o Conducted security tests on OpenText products using PortSwigger Cybersecurity software and generated reports

DECA Ontario

Provincial Officer- Events Coordinator

Toronto, Ontario

May 2018 - May 2019

- o Organized and spoke at six regional competitions and the provincial wide conference, attended by over 8,000 delegates
- o Helped with developing and designing organization website which had over 200,000 impressions in 2019
- o Partnered with local businesses to generate discounts for conference delegates and the CN Tower for commemorative lighting in honour of the organization's 40th anniversary

Finanza

Lead Innovator

Mississauga, Ontario

Oct 2017 - May 2018

- o Diversified revenue streams at trade shows through credit card payments with Square Card reader and pre-orders
- o Grew share value by 133% by implementing a strategy to motivate employees to exceed sales objectives
- o Managed the design team to create a 24-page interactive activity book to improve financial literacy rates among children

PROJECTS

Poker Facilitator Messenger Bot

April 2020

- o Created a Facebook Messenger Bot to replicate casino chips to facilitate poker games
- o Used **Node.js** and Express to develop the backend to control the flow of the game, exposing endpoints to Messenger API
- o Stored game and user objects in a database using MongoDB Atlas with Mongoose to persist game state

Honest Opinion Blogging Platform

Feb 2020 - March 2020

- o Developed a blog with user login and password encryption using **Python** and **Flask** with CRUD functionality
- o Created a frontend GUI using Bootstrap, HTML, and CSS and implemented buttons to share to Facebook and Twitter
- o Currently host the site on Heroku and store data in a PostgreSQL database

SnowTrackr

March 2020

- o SnowTrackr was created at NewHacks and was designed to notify maintenance workers about snow accumulation levels
- o Used a webcam and Python computer visioning technology alongside an Arduino with temperature/force sensors controlled by firmware developed in **C++** to compute snowfall
- o Implemented a notification feature using the Twilio API in Node-Red to text users about significant snow levels

EDUCATION

University of Waterloo - BAsC, Systems Design Engineering

Sept 2019 - Present

President's Scholarship Recipient, Member of Engineering Ambassadors, Engineers without Borders

ADDITIONAL

- o Represented the City of Mississauga at the Ontario Ball Hockey Federation Provincial Tournament for four seasons
- o Fourth Overall in 2018 and Finalist in 2019 at the DECA International Career Development Conference
- o Experience leading various philanthropic projects in the community involving donating to homeless youth, running food drives, hosting fundraisers, and organizing random acts of kindness events