

# Yash Gajaria

in Yash Gajaria

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📞 647-937-3138

## SKILLS

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- **Languages:** C++, HTML, Java, Python, and SQL
- **Technologies:** Android Studio, Arduinos, AWS, Git, MATLAB, Node-Red, Solidworks, SQLAlchemy, and VSCode

## EDUCATION

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**University of Waterloo - BSc Candidate in Systems Design Engineering**

**Sept 2019 - Present**

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

## EXPERIENCE

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### OpenText

**Waterloo, Ontario**

*Software Quality Assurance Specialist*

*Jan 2020 - Present*

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

### DECA Ontario

**Toronto, Ontario**

*Provincial Executive Officer*

*May 2018 – May 2019*

- Organized and spoke at six regional competitions and the Provincial wide conference, attended by over 8,000 delegates
- Helped with developing, designing, and testing deca.ca which reached over 200,000 visitors and a million impressions in 2019
- 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
- Designed multimedia presentation for Provincial and regional competition awards ceremonies

### Finanza

**Mississauga, Ontario**

*Lead Innovator*

*Oct 2017 – May 2018*

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

## PROJECTS

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### HonestOpinion Blog

*Feb 2020 - Present*

- Developed a blog with login and password encryption using Python and Flask that stores data in a database using SQLAlchemy
- Created a frontend GUI for the HonestOpinion blog using Bootstrap, HTML, and CSS
- Containerized the blog to a Docker container and currently host HonestOpinion using AWS

### SnowTrackr

*March 2020*

- SnowTrackr was created at NewHacks and was designed to notify maintenance workers about snow accumulation levels
- Used a webcam and Python computer visioning technology alongside an Arduino with a temperature and force sensor developed in C++ to measure snowfall levels
- Implemented the Twilio API in Node-Red to notify users about significant snow levels by automatically sending a text message

### Super Smash Mario Battle Game

*June 2018*

- Developed an interactive game with story mode and a GUI by using Java and object-oriented programming practices
- Went through the entire software development process while working in a pair programming environment

## ADDITIONAL

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- Represented the City of Mississauga at the Ontario Ball Hockey Federation Provincial Tournament for four seasons
- Obtained an academic average of 98% in grade 12 and a 3.9 GPA in University
- DECA Internationals Fourth Overall in 2018 and Finalist in 2019 at the International Career Development Conference
- 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