



KATIE GILLESPIE

Engineering Student | Leader | Innovator

SOFTWARE/TECHNICAL

Python, C, C++
Matlab

SQL, PostgreSQL
Solidworks, Fusion360
3D Printing and Modelling
Windows, macOS
Microsoft Office, G Suite
Adobe Creative Cloud
Canva

ACHIEVEMENTS

- Placed first in a C100 Hackathon in San Jose, California
- Placed first in two pitch competitions and was awarded \$2500
- Nominated as a G20 YEA Delegate for Canada
- Presented and placed second out of 1700 teams in a global student competition



REFERENCES

Available upon request.

STATEMENT

I am a passionate senior undergraduate engineering student and entrepreneur. I consider myself to be an outgoing and driven individual who enjoys solving complex problems and seeing results through impact. I am passionate about innovation and using my background in engineering to tackle challenges from both a technical and entrepreneurial eye. I am actively involved in the entrepreneurial ecosystem and work closely with local government and tech industry leaders to promote women in technology.

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WORK EXPERIENCE

Research Assistant

Sep 2018 – Present

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Research and make recommendations to the Engineering Chair in Entrepreneurship on a university technology transfer strategy as well as potential Innovation Certificate programs for the university.

Hibernia Team

May – Aug 2017

WOOD PLC

Worked as a project management engineer to perform cost analysis and risk ranking of work scopes to give recommendations on priority contracts and project schedules.

Operations Team

Sep – Dec 2016
Jan – Apr 2016

C-NLOPB

Monitored daily operations to verify best oilfield practices and used data to create a metrics database to track quantitative drilling data and make recommendations to best practices.

PROJECTS & VENTURES

Business Lead

May 2018 - Present

MAHAT

Leading a group of multidisciplinary individuals to design and implement a head-support device for individuals with cerebral palsy. Placed first nationwide in the Innovative Designs for Accessibility competition.

VP of Technology

May 2018 - Present

ENACTUS MEMORIAL

A part of Team Canada at the World Cup in 2017 & 2018. Leading a team of 60 students to incorporate digital aspects into projects; highlights include securing a partnership with Google and \$22,500 in corporate sponsorships for technical development. Other work includes pitching in competitions and to sponsors locally and internationally.

Founder

Jan - Sep 2018

FULFILAMENT

Performed R&D with plastics to upcycle waste into 3D printer filament to improve closed-loop processes. Awarded a position as a G20 YEA delegate with this venture.

EDUCATION

Memorial University Of Newfoundland

Sept 2014 -
(Expected) May 2019

BACHELOR OF ENGINEERING

Completing a degree in mechanical engineering with a focus on mechatronics and image processing applications.
GPA 3.40/4.0