



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 Ambassador for Canada
- Presented and placed second in an international social enterprise competition
- Was a speaker at a provincial Technology Sector Summit on the importance of Women in Technology



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 social and economic issues from both a technical and social 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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PROFESSIONAL WORK EXPERIENCE

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

PROJECTS & VENTURES

Business Lead

May 2018 - Present

MATHAT

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

Placed 2nd at the Enactus World Cup in 2017. Currently leading a technical team to develop a digital platform and local server to provide rural communities without internet access to online learning resources. Other work includes pitching at competitions and to sponsors both locally and internationally.

Founder

Jan - Sep 2018

FULFILAMENT

Performed R&D with polymer plastics to upcycle waste products into 3D printer filament to improve closed-loop processes while educating youth on the importance of sustainability within technology. Awarded a position as a G20 YEA delegate with this venture.

EDUCATION

Memorial University Of Newfoundland

Sept 2014 -
(Expected) May 2019

BACHELOR OF ENGINEERING

Pursuing a degree in mechanical engineering with focus on mechatronics and image processing applications. Research assistant to the chair of entrepreneurship in engineering. Current GPA 3.75/4.0.