

# ELVRIC TROMBERT

## ► EDUCATION

**McGill University Montreal, Canada**

sept.2015-may.2019

**Bachelor of Science**

- Major in Software Engineering, Minor Biology

## ► PROJECTS

**Flash Point McGill, Canada**

sept.2018-now

**Software Engineering project**

- Build a multiplayer version of the cooperative game flash point as part of the 1 year Engineering project coded in Java
- Went through the design process of large projects using technologies such as Use Case, environment, domain and protocol models
- Learn to use Libgdx for the GUI and applied design models to make the code as malleable as possible
- Took multiple leadership roles through the development phases, assigning tasks and being in charge of reviewing the final versions before submissions

**Gravity Personal Project**

2018

**"Stimulate gravity between objects in space"**

- Used Tkinter library in python to create the GUI
- Implemented JSON encoding and decoding of objects to allow user to save their simulation states
- Added creative interactive ways of visualizing the simulation by keeping track of the path taken by the objects

**Wink me up ConU Hacks, Canada**

2018

**"Wake up to your friends' rhythm"**

- Worked cooperatively and build an independent project with my team mates
- Coded the python script in charge of managing the users' information On the JSON database

## ► EXPERIENCES

**GIRO Montreal, Canada**

may.2018 - aug.2018

**Analyst Programmer Intern**

- Introduced new import and export classes in C++ for specific objects required for the decentralization of the company's product line
- Learned new coding language created by the company.
- Familiarize with TFS used as the version control along with what it feels like to work as a developer.

**CSUS McGill Montreal, Canada**

jan.2018 - dec.2018

**Help Desk Tutor**

- Assisted students on various problems ranging from code to algorithm design
- Adapted myself to different student profiles.
- Helped students setting their computer environments to better suit their needs.

**Reboot McGill Montreal, Canada**

jan.2018 - april.2018

**Computer technician**

- Learned the inner structure of computer hardware
- Prepared various digital products for customers
- Performed repairs on computer towers fixing RAM, Hard drive wiping and initialization with Linux, replacing fans

**Camp Massawippi Ayer's cliff, Canada**

jun.2017 - aug.2017

**Camp Activity leader for disabled children**

- Designed activities adapted to suit the needs of the campers
- Assisted the campers in their daily live tasks such as eating, cleaning ext...
- Learned the basics of American Sign Language

## CONTACT

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🌐 [github.com/elvric](https://github.com/elvric)

## INTERESTS

Computer Networks  
Artificial Intelligence  
Model Driven Software Development  
Parallel programming

## CODING LANGUAGES

Java



Python, C, C++, HTML/CSS,  
OCaml, SQL



JavaScript



## ON THE SIDE

Close up Magician,  
Juggler,  
Uni-cyclist,  
Improv Comedian  
Climbing/Bouldering and  
Kickboxing

## LANGUAGES

Bilingual: French and English

website QR

