

Education

- **Concordia University** Montréal, QC
Independent Student January 2018 to Present
- **École de Technologie Supérieure** Montréal, QC
Bachelor degrees in IT engineering 2015 to 2017
 - Completed 45 credits
- **École de Technologie Supérieure** Montréal, QC
Bachelor degrees in Automated Production 2013 to 2015
 - Completed 32 credits
- **CCNB - Bathurst** Bathurst, NB
Technologie du Génie Électronique 2011 to 2013

Work Experience

- **LBRY inc.** Manchester, NH
Junior Web Engineer January 2018 to Present
 - Development and maintenance of the lbry.io website
 - Development of an API in Go
 - Development of web tool in Go, PHP and Python
- **Lockbird inc.** Montréal, QC
RnD Internship August 2017 to November 2017
 - Internship to continue the development of the laser turret software and hardware
- **Lockbird inc.** Montréal, QC
Software and Hardware consultant March 2017 to August 2017
 - Hardware and Software development of the first laser turret prototype for scarring bird away
- **Savoir-Faire Linux** Montréal, QC
Django developer April 2016 to August 2016
 - Django developer for the Sous-Chef project
 - Engaging the Open Source community to contribute on the project
 - Sous-Chef source code is available on github (<https://github.com/savoirfairelinux/sous-chef>)
- **Pratt & Whitney Canada** Longueuil, QC
Quality Assurance Intern January 2014 to April 2014
 - Data analysis
 - Non-destructive testing
 - Quality Assurance

Student Clubs

- **Walking Machine** Montréal, QC
Lead software developer September 2016 to present
 - Student club building a Human Assistance Robot for the RoboCup@Home competition
 - Software team leader
 - Developed multiple Image Processing and Navigation Packages for ROS
 - Implementation of a ROS package for Gender Recognition using CNN
 - Implementation of multiple package based on Research Paper
- **Club Conjure** Montréal, QC
Game Programmer April 2016 to December 2016
 - Participated in multiple Game Jam
 - Creation of a homebrew arcade cabinet
- **Club Capra** Montréal, QC
Electrical team member November 2015 to September 2016
 - Developed power delivery system for the robot
 - Work on developing a motor interface with ROS
- **BajaETS** Montréal, QC
Electrical team member September 2013 to November 2015
 - Developed a data acquisition device for the vehicle

Volunteer Work

- **RoboCup Montréal 2018** Montréal, QC
Major LOC Chair July 2017 to July 2018
 - Part of the organising committee of the biggest robotic competition in the world
 - Responsible of the @Home, @Work, RoboCup Logistics, and Simulation
- **RoboCup@Home**
OC Member July 2018 to Present
 - Part of the organising committee for the RoboCup@Home league

Skills

- **Programming Language:** Bash, C++, Go, JavaScript, PHP, Python, TeX
- **Software:** Atom, Django, Emacs, Git, Keras, Linux, MacOS, ROS, Vim

Conference

- Challenges surrounding autonomous service robots
 - Presented at LIVIA on December 6th 2017
 - Slides
- Walking Machine
 - Presented at École de Technologie Supérieure on February 16th 2017