

## 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

- **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 2017 to August 2017
  - Django developer for the Sous-Chef 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
- **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  
*co-chair @Home* July 2017 to present
  - Part of the organizational committee of the biggest robotic competition in the world
  - Responsible of the @Home league

## Skills

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

## Conference

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