

# WAIL AYAD

Electrical Engineering Student

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github.com/wailay

## PROFILE

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**Programming** Python • MATLAB • C++ • JavaScript • HTML5/CSS3 • MySQL • L<sup>A</sup>T<sub>E</sub>X  
**Frameworks** Tensorflow • Keras • OpenCV  
**Others** Linux • Windows • Network (TCP/IP) • Git • Office Suite

## EDUCATION

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**Polytechnique Montreal University** *Expected 2021*  
Bachelor of Electrical Engineering | Cum. GPA : 3.06  
**Polytechnique Montreal University** *2017 - 2018*  
Bachelor of Mechanical Engineering | 42 credits accumulated  
**Bois-de-Boulogne College** *2015 - 2017*  
DEC | Applied Science

## PROJECTS

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**McGill CodeJam - Patter Recognition** November 2018  
*First place in Computer Vision category - Third overall*  
· Developed an application that detects emotions in real time based on facial expressions.  
· 3-Layer Convolutional Neural Network trained on 30 thousands 48x48 pixels pictures for 15 epochs with the help of Amazon Web Service.  
· Made by a team of 3 person - [Link](#)

**McGill MLH - Local Hack Day** December 2018  
*Best Idea and Solution award - First place*  
· Developed an application that helps students study by detecting sleepiness. Built with Python, OpenCV, TensorFlow, JavaScript, HTML/CSS, JavaScript and Flask  
· Neural Network trained on 2000 pictures  
· Built a frontend Web App with Flask to interact with student.  
· Made by a team of 3 person - [Link](#)

**Top Down 2D Game** December 2017  
*School Project*  
· 2D frame by frame animated RPG game made with Java using the Slick2D library.  
· [Project Link](#)

**Personal Website** January 2019  
· Made with HTML5, CSS3, JavaScript, and jQuery

## WORK EXPERIENCE

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**Mechanical Internship** Summer 2018  
*James Bay, Quebec, Cree Construction and Development Company (CCDC)*  
· Rock crusher follow up

**Moore's Clothing For Men** 2016-2018  
*Customer Service*  
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## INTERESTS AND ACTIVITIES

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**Programming events** Hackatown 2018, McGill Codejam, Nasa Space Apps, Hackatown 2019, McHacks 6  
**Interests** Cybersecurity, Drones, Skateboarding, Team sports