GUILLAUME LAM

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WORK EXPERIENCE

Ericsson
May 2017 – Dec 2017   **Software Developer Intern** (Montreal, Qc)
-Developed mobile interface and frontend for an Internet of Things (IoT) platform which monitors home and neighbourhood security. Worked with **Ionic** to facilitate cross-platform development.
-Improved overall architecture of application using **Flask** and **MongoDB**.
-Deployed machine learning in facial recognition to detect potential dangers of break-ins using **OpenCV** and **Tensorflow**.

OTHER PROJECTS

2017 Nov   **Accident Predictor** at Code Jam, **Hackathon**

-Team lead on developing project which would anticipate accident rates in Montreal.
-Application helps predict accident probability based on time and weather conditions on roads.

2017 Jan   **Face descriptor** at McHacks, **Hackathon**

-Worked on an application which could create a description of a newly seen face.
-Description of new face based on similarity to trained faces using Microsoft's Face API.

TECHNICAL SKILLS

Programming Languages	Python – C – C++ – Bash – Java – JavaScript/Node – Html/CSS
Libraries & Frameworks	OpenCV – Tensorflow – MongoDB – Flask – Ionic
Tools	Git – Docker
Spoken Languages	English, French: full professional proficiency

EDUCATION

2016 - 2020	**McGill University**, B. Eng in Software Engineering
	CGPA: 3.69/4.00
2014 - 2016	**John Abbott College**, Diploma of College Studies (DCS)
2009 - 2014	**College Sainte-Anne**, High School Diploma

ACADEMIC DISTINCTIONS

Fall 2017	**Golden Key Member,** membership requiring to be in top 15% of your program
Fall 2015 & Winter 2016	**Honour Roll** in Honour Sciences at John Abbott College

REFERENCES

Available upon request