

# **Antoine Khouri**

Montreal, QC

514-699-6015 [antoine.khouri@mail.mcgill.ca](mailto:antoine.khouri@mail.mcgill.ca)  
[antoinekhouri.ca](http://antoinekhouri.ca)

## **Education**

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**Bachelor of Software Engineering,**  
*McGill University, Montreal, QC*

(2020)

## **Technical Skills**

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**IDEs:** Visual Studio, Eclipse, IntelliJ, Android Studio, Xcode, Pycharm

**Various Technologies:** Kibana, Elasticsearch, Jenkins, Jira, SonarQube, React & Maven

## **Work Experience**

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### **Sensequake**

**January 2019-May 2019**

*Sensequake, Montreal, Canada*

- Doubled the speed of sensor-gateway file upload using **C** (sensor) and **Python** (gateway)
- Improved reliability by implementing a watchdog functionality for sensors & gateway
- Increased performance potential by increasing max sampling rate from 244 Hz to 488 Hz

### **Publicis Sapient**

**June 2019-August 2019**

*Publicis Sapient, Toronto, Canada*

- Created KPIs for client using **ElasticSearch** for data and **Kibana** & **CSS** for data display
- Automated parsing & upload of data using **Java** and **Python** with **Maven** and **Jenkins**
- Optimized existing data manipulation processes using **SQL** and **Timelion** on Kibana

## **Engineering Projects**

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### **Publicis Sapient Industry Challenge**

*Publicis Sapient, Toronto, Canada*

- In a team of 5, created an app that matches marketers with social media influencers
- Developed front-end using **React** and back-end using **Python**, designed with **Figma**
- Used twitter API to match marketers with influencers relevant to their product

### **Capture the Flag**

*McGill University, Montreal, Canada*

- In a team of 6, designed robot hardware & software using **Lejos EV3** & **Java**
- Iterated hardware & software design based on test data & updated final requirements
- Finished 5<sup>th</sup> in the final capture the flag competition between different teams' robots