

Antoine Khouri

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Education

Bachelor of Software Engineering,
McGill University, Montreal, QC

2020

Technical Skills

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

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

Work Experience

Personal Budgeting App: YUPP

YUPP Technologies Inc, Toronto, Canada

September 2018-May 2019

- Improvised self-onboarding process & documented steps for future onboarding at YUPP
- Re-organized & refactored front-end code structure written in **Swift** on **Xcode**
- Changed the design of two entire pages in order for the front end to be usable for iPad

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

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 5th in the final capture the flag competition between different teams' robots