



Beckham Lam

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PROFESSIONAL SUMMARY

Detail-oriented software engineer with a focus in Java development looking for full-time opportunities.

SKILLS

Languages: **Java**, JavaScript, C, Golang, HTML, CSS, Bash
Technologies: SQL, Git, Jira

EDUCATION

Bachelors | Computer Science and Economics
McGill University, Montréal, Quebec
SEPT.2014 – APR.2019

EXPERIENCE

SOFTWARE ENGINEER INTERN
JAN. 2017 – APR. 2017

J. Walter Thompson | Toronto, Ontario

- Front-end development for Mazda Canada test drive micro-site using JavaScript.
- Collaborated with senior developers on Air Canada flight-booking application to implement data tracking and storage.
- Introduced improvements to media banner design and implementation using GSAP increasing output by 15%.
- Developed experimental AR application using ARKit for Mazda.
- Produced clean and re-usable validation-ready code for project needs.

VOLUNTEER

SERVER TEAM DEVELOPER
OCT. 2015 - CURRENT

McGill Science Computer Taskforce | Montréal, Quebec

- Developing a PDF parser to help undergraduate students pull information for their exams (time, room, date...) displayed in an organized format.
- Development of Discord bot pulling printer statuses from TEPID API.
- Front-end development and improvement on ctf.science.mcgill.ca.
- Maintain and improve web and printing services for McGill students.

SOFTWARE DEVELOPER - DRONE TEAM
OCT.2016-MAY.2017

McGill Robotics | Montréal, Quebec

- Developed web interface to allow pilot to visually process drone data in real-time increasing flight-time.
- Contributed to drone pathing algorithm using roslibjs framework to determine closet paths to way-points.
- Lead solutions to implement competition clock without affecting core timer on drone to manage speed of drone while in flight.

PROJECTS

matchr, HackHarvard

- Android application that generates matches based on ELO.

Alphabeti, Android Application

- Educational Android application elementary school students.

Sports Merchandise Store, E-Commerce

- Designed backend database system. Used E/R modelling in implementing PostgreSQL instance.

OPEN-SOURCE

idoneam/**Canary**

- McGill Discord channel (Python)