



# Beckham Lam

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## PROFESSIONAL SUMMARY

Detail-oriented software engineer with a focus in Java development looking for full-time opportunities in the financial or tech sector. Currently learning Java Spring/Springboot.

## SKILLS

Java SE (Maven, JUnit), JavaScript, HTML, CSS, MySQL, Bash, Git, Unix

## EDUCATION

**Bachelors** | Computer Science and Economics  
**McGill University**, Montréal, Quebec  
Expected Graduation: April 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%.
- Produced clean and re-usable validation-ready code for project needs.

### 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 based application that compares two data-sets and generates ELO based on compatibility.
- Used OAuth2 Facebook and Google login API to authenticate users into Firebase allowing continual data sync.

#### Alphabetti, Android Application

- Mobile application that sequentially generates a grade 2-4 level school question on topics such as geography, science or mathematics.
- Implemented efficient data structures to scale application by 5% and increase variety of questions.