

## **Allen Lu**

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**January 19, 2020**

**Jennifer Moss**

**100 King St W**

**Toronto, Ontario M5X 1A3**

**Re: Software Developer Intern (4 months)**

To Jennifer Moss,

As a passionate and fast-learning problem solver that is well-versed in developing mobile software applications, and algorithm design, it is with great excitement that I have submitted my resume for consideration to be a 4-month software development intern with BMO, Toronto. As an efficient and vocal team-oriented developer I am well-versed in Android mobile application development, documentation, unit testing, and presentation. I am excited about the opportunity to solve real-world problems in your organization. I am prepared to contribute to your company's technological goals in developing and optimizing software while performing any risk assessments, design evaluations, and tests necessary to ensure quality and efficiency.

I am currently in 3<sup>rd</sup> year pursuing a degree in computing science with a specialization in software practice at the University of Alberta. My focus is on using and understanding software on multiple levels, database design and programming, operating systems and computer architecture, and the application of discrete mathematics in algorithm design. Please look at the following project examples from my resume, which outlines the competencies that I can leverage to further the goals of the Bank of Montreal, Toronto.

- Designed, developed, and tested an elegant and efficient Mood-Tracking Android Studio mobile application in a team of 6 developers using Java, Github, Google maps, and Firestore API
- Created a crime-statistic program with SQLite3 embedded Python with a terminal interface that allows the user to generate graphs and data using Edmonton's crime data
- Currently developing a custom Arduino lock for a powerlifting gym while listening to customer concerns and criticisms to create newer and improved versions
- Currently developing an all-in-one powerlifting application to test a user's one-rep-max, track their progress for every input, and compare their achievements to real federation standards

My resume provides further detail about the set and passion I can bring to your team. I truly believe that my experience in programming coupled with my willingness to learn new technologies will allow me to excel in the Bank of Montreal developers' environment. I hope we can schedule an appointment to talk, thank you for the consideration.

Sincerely,

Allen Lu