

## **Allen Lu**

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**January 19, 2020**

**Jennifer Moss**

**100 King St W**

**Toronto, Ontario M5X 1A3**

**Re: Data Analysts & Data Scientists Co-op and Internships (4 months)**

To Jennifer Moss,

As a passionate and fast-learning problem solver that is well-versed in developing mobile software applications, user interface design, database integration, Excel business analytics, and forecasting, it is with great excitement that I have submitted my resume for consideration to be a 4-month data scientist and analyst intern with BMO, Toronto.

As a vocal and business-minded software developer, I am well-versed in Android mobile application development, documentation, and product presentation. I also have experience conducting online business operations and thus understand the needs of a professional for efficient and powerful data visualization techniques. I am excited about the opportunity to solve real-world problems in your organization. I am prepared to contribute to your company's goals while performing any strategic data assessments, design evaluations, reports, 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.

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 Data Scientists and Analysts' environment. I hope we can schedule an appointment to talk, thank you for the consideration.

- Designed, developed, and tested an elegant UI visual for an efficient Mood-Tracking Android Studio mobile application in a team of 6 developers using Java, Github, Google maps, and Google Firestore API
- Created a visual user experience that easily allowed the user to query Edmonton's crime statistics and generate visual map location and bar graph data.
- Currently developing a custom Arduino lock for a powerlifting gym while listening to customer concerns and criticisms to create newer and improved versions
- 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 world-records

Sincerely,

Allen Lu