

Dear Hiring Manager,

I'm excited to apply for the position of Senior Data Scientist at Spotify. I think this position sounds both challenging and interesting --- and a great place for me to further my career!

I completed a Master's degree in Computer Science from the University of British Columbia specializing in Information Visualization, or in other words, finding the best ways visually to provide analytical insights about massive datasets to various types of stakeholders. I collaborated with a company and designed, implemented, and deployed a web application for clickstream data analysis which helped them segment and analyze user behaviour on the mobile sites they developed. My degree not only taught me how to build proper analytical tools but it also enhanced my skills as a presenter; communicating results in a clear and effective manner is a key component to data analysis and working with stakeholders!

I have experience working as both a Data Analyst and a Data Scientist at Kabam, a mobile gaming studio in Vancouver. As an analyst, I worked with a wide range of teams including game design, marketing, and finance, to answer their analytical questions and help influence many of their decisions. By querying massive databases using Google Bigquery and building Tableau dashboards, I provided insights, evaluated A/B split tests, and helped monitor long-term trends in key features in the game. More notably, I helped influence and develop the logic behind the alliance recommendation system currently implemented in one of Kabam's main mobile games. I also developed Python scripts to automate regular, small tasks saving a lot of my own time to focus on more difficult problems.

As a Data Scientist, I led a project whose goal was to "offer the right item to the right player at the right time and at the right price" in one of Kabam's major mobile games. I was responsible for the conception of the idea, design of the experiment to collect the data, the creation and evaluation of the prediction models, working with engineers to design and test new technology, and the design/implementation of several split tests along the way. The models were successfully deployed in game resulting in significantly higher conversion on every offer. I created a summary report outlining the lift in each KPI which was emailed out to the entire company, specifically getting a shout out from the CEO. Most recently, I worked with Google Pub/Sub and Dataflow to build a streaming pipeline to get real-time data needed for deploying models in game that require a player's current state for accurate predictions.

My attached resume contains a more detailed work history along with some of my accomplishments. If you have any questions about my resume, feel free to contact me. I would also love to learn more about life working at Spotify and the Data Science team there as well as the type of projects I would be on if I were to be hired.

Hope to hear from you soon!

Kim