

To Whom It May Concern:

It is our honor to submit a letter of reference for Kevin Phan and to testify to his outstanding abilities that would serve well for this position. We, the Program Director of Engineering, Architecture and Science and Academic Coordinator, respectively, have come to know Kevin well during his studies in the Graduate Program in Data Analytics, Big Data and Predictive Analytics. Kevin is an outstanding student who produced excellent big data analytics applied analyses. He technically executed innovative and forward thinking while working on machine learning and analytic projects dealing with real workforce data sets. Kevin's most valuable assets are his professionalism, presentation and communication skills. This was shown in his presentation of an in-depth analysis of a customer churn data set where Kevin was able to convey his findings in a clear and concise way in front of numerous PhDs and leading Data Science professors. His analytic abilities coupled with his professionalism and well-spoken manner leads us to strongly believe that he would be a great asset to your organization.

Kevin has an undergraduate degree in Physics & Economics. He also possesses experience as he has worked at the Royal Bank of Canada where he was applied his skills and knowledge. It is an honour to witness his big data analytics mastery attainment at Ryerson University. We attest to Kevin possessing the following attributes, skills and abilities:

Programming Skills → R, JSON, SAS, SQL, Hadoop, Hive, Pig, Oozie, Spark, Sqoop, XML, Regular **Expressions**

Software Expertise WEKA, MongoDB, XML, Tableau, IBM Watson, HortonWorks, HBase

Theoretical Knowledge - Advanced Statistical Tests & Methods, Machine Learning Classification Algorithms, Advanced Mathematics, Finance & Financial Applications programming concept and theory.

Kevin's attention to detail, ability to think outside the box and most importantly, his will to learn and adapt will make him an invaluable asset to your organization. Please do not hesitate to contact us for further information.

Sincerely,

Anne-Marie Brinsmead (Ph.D., Princeton University)

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