DATA SCIENTIST – ROTATION PROGRAM

National Bank has an opportunity for leading Data Scientists to take part in a 2-years Rotation Program.

The Rotation Program is structured to identify and recruit talented and motivated new graduates interested in a career in the banking industry. We are looking for exceptional data scientists to synthesize and leverage our massive datasets to enhance customer experience, grow revenues and identify opportunities to transform costs.

This is a unique opportunity to join a team of passionate individuals who want to change the face of banking. We are focused on our clients, and work on high-impact projects utilizing big data analytics and machine learning.

As part of the NBC's efforts to accelerate and solidify growth by transforming how we manufacture and deliver banking products and services, the National Bank Data Science Rotation Program aims at attracting, training, developing and retaining top data scientists who will work across the bank's divisions.

Over the course of the rotation program, candidates will have the opportunity to train in various Group's core disciplines in Toronto, Montreal and Atlanta (USA).

Main responsibilities:

- You will advocate, evangelize and build data-driven products and experience that help our customers and have a direct impact on the bottom line. You'll dig in and become an expert on our datasets. You will provide insight into leading analytic practices, design and lead iterative learning and development cycles, and ultimately produce new and creative analytic solutions that will become part of our core deliverables.

- You will research, design, implement and validate cutting-edge algorithms to analyze diverse sources of data to achieve targeted outcomes.

- As our data scientist, you will provide expertise on mathematical concepts for the broader applied analytics team and inspire the adoption of advanced analytics and data science across the entire breadth of our organization.

Requirements:

Who we're looking for:

- Ph.D., Master's, or Bachelor Degree in operations research, applied statistics, data mining, machine learning, physics or a related quantitative discipline completed before your start
- Achieved outstanding academic performance
- You have a deep understanding of statistical and predictive modeling concepts, machine-learning approaches, clustering and classification techniques, and recommendation and optimization algorithms
- You are also deeply curious about how businesses work, why client's choose their solutions, and what makes a better client experience
- You're passionate about asking and answering questions in large datasets, and you are able to communicate that passion to product managers and engineers. You have a keen desire to solve business problems, and live to find patterns and insights within structured and unstructured data. You propose analytics strategies and solutions that challenge and expand the thinking of everyone around you
- You are expert in analyzing large, complex, multi-dimensional datasets with a variety of tools. You are accomplished in the use of statistical analysis environments such as SAS, you have experience with BI tools such as Tableau and you're as comfortable with relational databases as you are with Hadoop-based data mining frameworks. You are familiar with SQL, Python, Java and C/C++
- You desire a fast paced, test-driven, collaborative and iterative engineering environment. You love learning, data, scale and agility. You excel at making complex concepts simple and easy to understand by those around you. You're driven to show the world the power of applied analytics
- This job requires flexibility to travel to Toronto, Montreal and Atlanta (USA) during the program
- Bilingualism (spoken/written) English and French is an asset, but not required

Candidates to apply on our career site at www.bnc.ca/careers

Equal opportunity employment is an integral part of the National Bank's values and commitments.
The National Bank offers competitive incentive compensation, along with excellent benefits and continuing education programs.

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