

AYMAN AGAMY

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Royal Bank of Canada

Re: Summer 2025 Student - Data Science Intern (8 months)

I am writing to express my strong interest in the Summer 2025 Data Science Intern position with RBC's Next Best Action (NBA) Machine Learning team. As a Computer Science student at the University of Manitoba graduating in April 2025, I am excited about the opportunity to contribute to RBC's mission of deepening client relationships through innovative data science solutions.

My academic background in Computer Science, combined with my practical experience in software development and data analysis, aligns well with the technical requirements of this role. Through my project work, particularly the Flights Analyzer project, I have demonstrated proficiency in handling large datasets and implementing complex data analysis solutions. This project involved processing a 50GB dataset of flight records and weather data, requiring strong programming skills in Python and SQL - key technical requirements for this position.

Your posting emphasizes the need for strong programming skills and experience with data transformation and visualization. During my time at Agriculture & Agri-Food Canada, I developed full-stack applications that required precise data handling and visualization capabilities. I implemented multi-lingual features and complex calculations, showcasing my ability to translate business requirements into technical solutions - a skill that would be valuable in developing and enhancing NBA machine learning products.

What particularly excites me about this role is the opportunity to work with diverse data sources and domain-specific machine learning models in a corporate banking environment. My experience with various database technologies (PostgreSQL, MySQL, MongoDB) and cloud platforms (AWS, GCP) positions me well to contribute to your team's migration of models to a Cloud environment. Additionally, my strong problem-solving abilities and passion for continuous learning, demonstrated through my role as a peer mentor where I earned Tutor of the Year, align perfectly with your team's innovative culture.

I am confident that my technical skills, collaborative nature, and genuine enthusiasm for data science make me an excellent candidate for this position. I look forward to the opportunity to discuss how I can contribute to RBC's Next Best Action Machine Learning team.

Thank you for considering my application.

Regards,

Ayman Agamy