September 20th, 2017

To Whom It May Concern:

I am applying as a new graduate in 2018 for a position with Deloitte. I am a fifth-year student at the University of Calgary, where I am pursuing a combined degree in Finance through the Haskayne School of Business, and in Statistics through the Faculty of Science.

I believe I will be an excellent match for this position, as the skillset that I possess lends itself quite favourably to this line of work. As shown in my resume, I worked last two summers as a summer student for Tundra Energy Marketing Limited (TEML), a midstream Oil & Gas company. As a summer student, I have experience in working with several applications designed to improve TEML’s data management systems, and with improving the workflow of their analysts and traders.

Working at TEML, has allowed me to gain insight into how pricing works in the Canadian crude oil market, and the impact of crude quality on blending, trading, and its transportation. I had the opportunity to create a SQL Server, that hosted a variety of pricing related data, with the intent of creating easily accessible data for various members of the organisation, to improve the speed and quality at which analysis is conducted. Over the last summer, I developed a R Shiny application, that could be used to predict the vapour pressure of incoming crude, to maximize blending revenue. This application could the be easily hosted on an intranet page, allowing I to be easily accessible to anyone who wished to use it. As well, I replicated it in Excel, using VBA code.

Through my education and work, I have experience coding in Python, R, SQL, VBA and some HTML. I also have some experience with stochastic processes, regression modeling beyond simple linear regressions, survey and experimental design and analysis, and options and derivatives pricing. I currently maintain a website, where I host some of the Shiny application I have written in R as an example of my skillset. This can be found at [www.grahamst.at](http://www.grahamst.at). As well, I host my work on GitHub, and hope to start applying these skills through open source development. Although my background is primarily in Oil & Gas, I believe this skillset can be transferred to a variety of industries.

I believe that I will be able to a make a significant contribution to your organization in whatever role I am assigned. Through my skillset and my previous knowledge and experiences, I hope that I may prove this to you. If you are interested, please feel free to contact me at (403) 481-5609 or scott.grah95@gmail.com if you have any further questions. Thank you for your consideration.

Sincerely,

Scott Graham

Scott Graham

(403) 481-5609

[scott.grah95@gmail.com](mailto:scott.grah95@gmail.com)

[grahamst.at](http://www.grahamst.at)

**Education:**

University of Calgary Sep. 2013 – Present

***Finance/Statistics Programs – Dual Degree***

**3.629/4 GPA**

Dean’s List 2014-2016

Bishop O’Byrne High School Sep. 2010 - Jun. 2013

***Alberta Education/International Baccalaureate Programme***

Calgary, Alberta

**Skills & Abilities:**

* Marketing and Business Experience
* Ability to program in R, Python, SQL, and VBA
* Spearheaded the creation of a SQL Database to improve workflow
* Web and Shiny application development
* Ubuntu server experience
* Experience in crude oil quality and vapor pressure modeling
* Experience in the crude oil Equalization Process
* Strong background in advanced regression modelling and simulation
* Ability to quickly grasp new concepts
* Participates in Open Source Development

**Work Experience:**

Marketing & Trading Summer Student May. 2017 – Sep. 2017

***Tundra Energy Marketing Limited***

Calgary, Alberta

Responsibilities:

* + Analysis of vapor pressure for crude oil blending
  + Creation of crude oil Equalization (EQ) accounting application
  + EQ Data Integrity and Management
  + Created an application to generate documents needed for the EQ process
  + Data Visualization & Business Intelligence development
  + Assisted in the development of charts for Board Meetings

Summer Student May. 2016 – Sep. 2016

***Tundra Energy Marketing Limited***

Calgary, Alberta

Responsibilities:

* + Analysis of pipeline integrity
  + SQL Database creation and development
  + Crude oil pricing analytics
  + Arbitrage analysis
  + Data integrity management

Senior Sales Associate Jul. 2013 - Present

***Gap Canada, Chinook Centre***

Calgary, Alberta

Responsibilities:

* + Cash Handling
  + Cashier Training
  + Customer Service

**Volunteer Experience:**

Guest Services Host (Volunteer) Jul. 2012 - Oct. 2014

***Telus Spark***

Calgary, Alberta

**Personal Interests:**

* Web and Shiny Application development on my site: grahamst.at
* Skiing, hockey, and sport’s analytics
* Reading