Arash Shamseddini

Data Scientist (MSc) | Chemical/Process Engineer (PhD) | PMP (No. 2806940) | P.Eng. Eligible

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**DV01 Co.**

Dear Hiring Manager,

I was quite excited to learn than DV01 is hiring for a “Data Analyst Integrations” and as I reached out to my friend **Kangbo Lu** to learn more about the role, I am even more excited to submit my candidacy for this position. I strongly believe that my broad range of expertise in Data Analytics and working with marketing people perfectly matches with what you have been looking for and makes me the right candidate for this position and your team.

Throughout the UBC Master of Data Science (MDS) program, I was heavily involved in several projects that would require extensive programming in both Python and R to build data visualization dashboards, Exploratory Data Analysis (EDA) packages, Machine Learning pipeline that uses Statistical Analysis for inference/prediction and etc.

In the capstone project for BC Stats/Elections BC, I (as part of an agile team of four) created a one-of-a-kind data pipeline that would analyze pandemic-affected 2020 BC General Election on a whole different level. The “BC General Election” app which is sophisticated Data Visualization interface will be live on Elections BC official website soon. Our project was picked as one of the top five UBC MDS class of 2021 capstone projects and highly acclaimed by BC electoral agencies.

Even throughout my professional engineering career, I was a Data Analyst in disguise. For instance, as a Process Engineer at Shiraz Oil Refining Co. (SORC), where I was heavily involved in quite a few projects, I managed to optimize the crude oil heat exchanger network through an engineering-based data analysis of terminal temperatures within the network which resulted in 17 °C increase in preheat temperature (gaining 3.3 million USD in energy saving annually). This brought me the **Employee of the Year** title. As a Process Engineer, I was also tasked with working closely with the Marketing department to translate data products into tangible insights for both technical and non-technical stakeholders. This partnership immensely contributed to increased sales of final products within the production plant.

I am very much impressed by what I have been hearing about the workplace atmosphere at DV01 and I think this is a real game changer for a job applicant.

I strongly believe that I have the skill set and attributes that will allow me to quickly integrate into your team at DV01 and help you achieve your goals. I thank you for reviewing my candidacy and look forward to an opportunity to meet you for an interview at your convenience. Thank you for your time and consideration.

Sincerely,

Arash Shamseddini, Ph.D., PMP