

Program Management, Data Acquisition,
& Quality Assurance/ Quality Control
Data Science Department
SANDAG

June 11, 2024

Dear Hiring Manager,

I am writing to express my keen interest in the Data Scientist role at SANDAG. As a passionate Data Scientist professional with over 9 years of experience, I am particularly drawn to the wide range of data including land use, transportation, demographics, and economics that SANDAG's Data Science department manages and verifies. My expertise in data analysis, GIS, and programming, aligns perfectly with the requirements you have outlined.

Throughout my career, I have consistently delivered applications to consolidate, verify, and manage large and disparate data sets. For example, at in my previous role at BC Transit, I worked closely with planners and local councils to map transit issues and model patterns of population movement. My experience also includes collaborating with cross-functional teams to develop algorithms and applications to ensure the quality of operational data sets.

My technical skillset includes:

- Advanced Python proficiency
- Professional experience with SQL
- Data cleaning and verification with R
- Certifications with cloud platforms AWS and Azure
- Proficiency with ESRI ArcGIS and QGIS
- Extensive experience with relational databases and spatial SQL, including writing triggers and functions

I am confident that my skills and experience would be a valuable asset to your team and I am eager to learn more about how I can contribute to your team's continued success. Thank you for your time and consideration. Please feel free to contact me at the number below to schedule an interview at your earliest convenience.

Sincerely,

A handwritten signature in blue ink that reads "Andrew Ross". The signature is fluid and cursive, with the first name "Andrew" and last name "Ross" clearly distinguishable.

Andrew Ross
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