

Ana Karen Martinez

anakaren.ca

Date

Hiring Manager
Business
Address

Re: (Job ID: R0011654)

Dear Hiring Manager,

I am excited to apply for this position within the Collaboration and Analytics Business Unit. As I transition careers, I am eager to contribute to a role that positively impacts the community. The opportunity to support emergency response and green building initiatives within the Collaboration and Analytics team strongly aligns with my professional goals. Over the past six months, I have gained extensive knowledge in the Bachelor of Applied Technology Geographic Information Systems program at the Southern Alberta Institute of Technology, and I am eager to apply these new skills to enhance public service.

In my final project last semester, I researched Long-Toed Salamander populations, focusing on data creation and transformation using ArcGIS Pro. I documented and maintained data integrity by developing data dictionaries, database checklists and metadata. In my resume I have linked my story map for the project that explains all the data creation and transformation that I worked on. My experience with documentation extends beyond academia—I frequently created technical documentation during my two years as a Web Developer at Sundance College, explaining complex technical concepts to both technical and non-technical audiences. Additionally, I delivered presentations using Microsoft Office (Outlook, Word, Excel, and PowerPoint). As the sole developer in my role, I worked independently on tasks that required a high level of organization and attention to detail, which helped me effectively collaborate with colleagues by clearly communicating and sharing my work.

I worked on a Wildfire Capstone project, where I applied geospatial processes and integration to develop a dashboard and mobile application using ArcGIS Online. I also automated workflows with Python and leveraging my three years of experience in JavaScript to customize the application and dashboard. This project also gave me the opportunity to work with datasets from previous capstone groups, allowing me to maintain and update them.

As someone with a growth mindset, I am eager to apply both my newly acquired GIS skills and my three and a half years of professional experience to this role. Working for your team would be an incredible opportunity, and I sincerely hope you will consider my application. I look forward to the possibility of discussing how my skills and experience can contribute to your team.

Sincerely,

Ana Karen Martinez