Dan McKelvey

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Thank you for considering my application for your "Environmental Technician / Junior Biologist / Programmer / GIS Technician" position, and I am very excited to discuss this opportunity further. I believe I would be a great asset to your team with my previous experience in GIS and various field work.

I am a recent graduate from the University of Victoria, with a bachelor of Science in Geography, focusing on physical geography and spatial analysis. I supplemented my degree with various courses in ecology, climate change, GIS, and oceanography. I also worked part time for most of my degree which allowed myself to further develop my time management and project prioritization skills. Working while attending school gave me the opportunity to gain working experience, so although I am a new graduate, I have over 5 years of experience in the workforce which has allowed me to understand workplace ethics and manners.

My technical experience includes the use of Arcmap, ArcPro, ArcOnline, QGIS, and MapInfo extensively during my professional career and in my education, and I'm confident in my ability to quickly learn any additional GIS related software and workflows. I also have experience running simulated wildfire spread models using Prometheus, plotting field data collection points in GIS and Google Earth, and using Minitab to run statistical analyses. I have also been educated in BASIC, and R which has allowed me to quickly understand programming concepts and learn other languages such as Javascript and Python. I keep up to date with current technology, and using this I have built and maintained my own PC for over 5 years now and help troubleshoot hardware and firmware issues for family and friends.

I have acquired field experience during my education, and I have been educated in the basic principles and foundations of field work. Using my education and ability to learn on the fly, I was able to complete several successful field data collections in various environments for projects during my time at the University of Victoria. My experiences include, vegetation identification & mapping, snow depth & density collection, offshore and onshore marine sediment collection, and even setting up a fully functional weather monitoring station with a datalogger. I also have experience with methods and processes of analyzing and managing field data, as the projects I have mentioned above involved further investigation into the data that was collected. I also have experience managing and analyzing field data in a professional setting during my last employment at Exploration Sites. My position involved working with junior explorers in the mining industry who needed assistance with the field data, mostly geochemical data from field expeditions. I would integrate their data into GIS and provide a visual result of the geochemical data or drilling operations.

I am a self-directed and eager to learn individual. I don't back down from challenges, as I see hard problems as an opportunity to learn and become a better asset to my team. I am a great problem solver with my ability to research or ask the right questions to the right people. My interpersonal skills have allowed me to become a coach and a leader for my former lacrosse club and have given myself an opportunity to give back to my community.

Thank you for considering my application, I hope to hear from you soon.