

Coco Chen

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November 29th,
2021 Lisa Ross
1700 W Washington St FL 7,
Phoenix, AZ 85007

Re: Forestry/GIS Administrators

Dear Ms.Lisa Ross

I am Coco Chen, currently a third year computer science student at UBC. I also have a degree in Forest Resource Management from UBC and a Master's degree in Environmental Management from the University of Queensland. My desire to become a GIS intern was strongly inspired by the Co-op Board's recruitment posters. I have completed both undergraduate and graduate content related to GIS and have honed my application skills in a number of jobs in China and Canada. In addition I will be completing my first study on riparian ecology in January 2022. As a student who wants to continue my studies in GIS, I believe that the combination of my academic background, fieldwork experience, and passion for GIS make me an ideal candidate for this position.

My previous work experience in China and Canada has proven my qualifications very well. I worked as a research assistant on a wetland research team, which involved contacting everyone from government ministers and professors to construction workers. ArcMap was one of the software programs we used the most in our analysis. For example, we lost some of the data from an old pipeline. To locate it, we combined our field data with satellite images from Google Earth in ArcMap. A handful of location points allowed us to find the exact location of this pipeline. I also used this software for mapping. My colleague, an experienced technician who has been using this software for more than 10 years, taught me some effective and useful tips for using ArcMap. After the analysis, a formal report or PPT will be written for my supervisor. I also worked as a junior forest technician in Interior BC for eight months. As a small regional director in over 20 forestry blocks (includes more than 20 streams and 10 wetlands), I conducted survey and preliminary planning, including wildlife patch zone, the machine free zone, Stream & wetland, harvest plant and access roads. Because of our up to 98% excellent pest identification and accurate management program, our working group received thank you emails and commendations from BC Timber Sales.

Outdoor research is also common for me. It is such a pleasure to go from one place to another, and I love to venture out to experience unexpected weather. I drive my colleagues to suburban locations to conduct field surveys. As I am the only assistant in the team, I must be patient as I have to react to all the data saving and arrangements. Regarding my lab work, the process of model making and water analysis enhanced my patience and problem solving skills. Therefore, I believe my previous lab work experience will allow me to learn quickly in GIS related work.

In addition, the foundation in programming that my computer science major has given me gives me an advantage over other geoscience applicants in data processing. Not only can I perform basic data processing tasks, but I can also improve the algorithms of remote sensing and GIS for specific applications. I believe I am the person you are looking for.

I hope you will give me an opportunity to work with you, and my work permit is valid until September 2022. I truly appreciate the opportunity to apply for this position and I hope I will receive a positive response. If you would like to give me the opportunity to learn more about this job through an interview, please contact me at Mengxichen1997@gmail.com or the contact information listed in the title of this application.

Sincerely,



Coco(Mengxi) Chen