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July 21, 2019

OREGON METRO
Metro Research Center
600 NE Grand Ave
Portland, OR 97232

Attn: Robb Kirkman
Enterprise Services Manager

Re: 2019-0069-RC-GeoDev
Geospatial Developer Position

Dear Mr. Kirkman:

As a GIS professional with several years of web development experience, it is with great excitement that I submit my application for the Geospatial Developer position at Metro.

In my current position as a Senior Data Analyst, I serve as the firm's technical lead on web development and have developed several web mapping applications and custom Python toolboxes. For the City of Pasadena I developed a web map that allows the City to interactively visualize and analyze their data; I also developed a custom Python toolbox helps them prioritize infrastructure improvements. In addition, I have developed a web map framework that allows the public to learn about and comment on active transportation plans; this framework allows the public to vote on potential planned improvements and suggest new improvements through interactive drawing tools. I have uploaded these work samples to my personal web site: **www.tlin.org**.

In my previous position as a GIS Data Analyst at TriMet, I developed a web mapping application that allowed senior safety management staff to visualize, query, and generate reports on the collisions and evasive maneuvers that have occurred throughout the transit system. I have also used RLIS and Metro data to develop a network optimization program to determine the ideal locations for a new bus yard. The program analyzed a year's worth of ridership data and sought to minimize the amount of non-revenue travel mileage (referred to as deadhead routes).

The Geospatial Developer position with Metro is a perfect fit for my skills abilities, and interests. I have sought a position in geospatial development, particularly one with Metro, for quite a while now and look forward to the chance to speak with you about this opportunity soon.

Thank you very much for your time and consideration.

Sincerely,

T. Tom Lin