

Mr. Tim Anderegg  
Head of Engineering, Data Lab  
**World Resources Institute**

April 2, 2024

Dear Mr. Anderegg,

With over 9 years of experience as a Geospatial Data Engineer, I have honed my skills in Python, cloud platforms (including AWS), and geospatial analysis to develop impactful solutions for organizations tackling complex challenges. In my current role at Congruex, I designed a containerized cloud API infrastructure for departmental maps, providing efficient geospatial analysis and reporting.

My expertise aligns directly with the requirements you have outlined for the Geospatial Data Engineer role at WRI, particularly the focus on developing geospatial tools and data pipelines to support urban planning initiatives. I am eager to leverage my experience to contribute to WRI's mission of creating a sustainable future for our cities.

My experience in building data pipelines with CI/CD practices matches your need for efficient data processing. Additionally, my proficiency with Python's numerical and spatial processing libraries combined with my understanding of GIS concepts (remote sensing, projections, rasters/vectors) allows me to translate raw geospatial data into actionable insights. I am confident I can effectively collaborate with your data scientists and analysts to support the development of interactive dashboards and other visualizations for urban planning initiatives.

Please 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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email: andrew@44digits.com