



1430 SE 14th Ave  
Portland, OR 97211  
503 545 9535  
wsercombe@gmail.com

## WILLIAM SERCOMBE

July 28, 2021

Hiring Manager

Via Quantum Spatial,

### **Dear Tetiana Gordan and Hiring Committee:**

I wish to express my interest in the Technical Specialist position and to explain why I am a qualified applicant.

My credentials include a Bachelor's Degree from the University of Oregon, a graduate certificate in GIS at Portland State University, over six years of GIS experience, and an ongoing desire to learn more and challenge myself.

Programming and software development are tasks for which I have gained a higher level of ownership than most of my peers. Many of whom recommended me to apply for this position. I believe that being rooted in QSI production will give me a distinct advantage over external candidates. I also think that having those programming skills will make me a favorable candidate internally.

My main focus outside of work and what I believe places myself as a top candidate has been in learning computer science and programming. My current part time coding course at Epicodus that began in May has bolstered that knowledge with over 20 hours a week devoted to programming. I am confident that I can create production level scripts and when given the opportunity I have had success with automating certain tasks. I plan to stay aware of opportunities for process automation and hope that I can get time to work on process modifications through programming in the future.

I am applying with great admiration for the work and products that NV5 creates. My time at NV5 has put me in contact with more parts of the company and with people whom I personally and professionally admire. I wish to expand those contacts, increase my professional experience, and help the company grow.

Thank you for taking the time to review my resume and cover letter. I hope that you will schedule an interview and allow me to present myself to you further.

Sincerely,

**William Sercombe**



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## WILLIAM SERCOMBE

### EDUCATION

#### GIS CERTIFICATE, PORTLAND STATE UNIVERSITY

*June 2015*

Graduate certificate program. 4.0 GPA.

#### B.S., UNIVERSITY OF OREGON

*Aug. 2012*

Double majored in planning, public policy & management, and political science. 3.7 GPA.

### RELEVANT

#### REMOTE SENSING TECHNICIAN/ANALYST, QUANTUM SPATIAL

*Dec. 2014*

### EXPERIENCE

GIS support for mapping, classifying, and modeling transmission and distribution circuits and towers. Tasks include QA/QC, running python scripts, point cloud interaction, data curation, and map design. Proficient in PLS-CADD and Microstation utility modeling.

*– Present*

#### GIS INTERN, GIFFORD PINCHOT TASK FORCE

*Jan. 2015 –*

Helped design a GPS database system using ESRI's Collector platform and ArcGIS for server. Designed the database based on various use cases and employer input. Database still currently in use.

*Mar. 2015*

### SKILLS

**COMPUTER SOFTWARE:** Proficiency with Microsoft Suite Adobe Illustrator and InDesign; CAD based drafting software; 3D point cloud interaction.

**PROGRAMMING LANGUAGES:** Intermediate knowledge of Python, C++, and Java. Able to produce effective ArcMap tools. Intermediate database design knowledge – SQL, PostgreSQL.

**PEOPLE MANAGEMENT:** Directed and trained technicians, helped facilitate benchmark accomplishments.

### GEOSPATIAL SKILLS:

#### 3D/CADD MODELING

Expert in PLS-CADD, Microstation Suite, and Terrascan tools. Adept at using Cloud Compare and ArcScene for point cloud analysis.

#### DATA ANALYSIS

Comfortable with algorithm procedures, geographic regression, and geostatistical analysis. Gaining experience in computer science, informatics, and data science. Skilled at Javascript, Python, and C++.

#### DATA VISUALIZATION

Creative and innovative in map design. Excellent recognition of appropriate color, text, and feature placement. Able to produce infographic or multiple layered map designs.