

# THEODORE LESSMAN

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## Skills:

- ▶ Professional communication, technical writing, and accessible cartographic design
- ▶ Teamwork, leadership, customer satisfaction and technical support experience
- ▶ Automation of tasks through scripting and tool creation to support non-technical users
- ▶ Data management and processing over an array of raster and vector file formats: Shapefile, GDB, CSV, JSON, Feature Class, Feature Dataset, TIFF, Mosaic Catalog
- ▶ Analysis of advanced geographic data structures: Digital Elevation Model derivatives, Lidar Point Cloud, Multispectral Imagery
- ▶ Research and report generation with an attention to detail, while mindful of Triple Bottom Line

## Technical Expertise:

Languages and Development	Python, JavaScript, HTML5, CSS, R, C++, Terminal
Database Management	Advanced queries, geodatabase creation and management, spatial and attribute joins, Excel, Postgres SQL
Visualization and Analysis	ArcGIS Online, Collector, ArcMap 10.3 - 10.6: ArcPy, ModelBuilder, Spatial, Network, 3D QGIS 2.7, Google Maps/API, ggplot2, sp, Autodesk Maya

## Education:

B.S. Spatial Data Science and Technology      University of Oregon      Eugene, OR      September 2018

## Experience:

Temporary Contractor | City of Eugene - Green Infrastructure | Eugene, OR | July 2018 – August 2018

- ▶ Provided GIS expertise to Urban Forestry Street Tree Inventory team for Neighborhood Street Tree Reports including the processing of more than 60,000 right-of-way tree data points
- ▶ Conducted pre-processing, visualization and analysis of 12GB of Urban Heat Island rasters including building pyramids and statistics and using map algebra to convert units and conduct change detection
- ▶ Designed and communicated data requirements for 2021 by 2021 site submission entry in Maintenance Management System to streamline site verification process and ensure “Right Tree, Right Place”

Sales Associate | Jackson's Food Stores | Boise, ID | July 2007 – April 2012

- ▶ Excelled in customer engagement, store cleanliness, and passing inventory audits resulting in my store receiving a 2011 Chevron Silver award and dozens of monthly “Achievement of Excellence” awards
- ▶ Contributed to store operations including waste data entry, vendor receiving verification, employee training and corporate feedback groups

Customer Retention Specialist | DIRECTV | Boise, ID | September 2006 – June 2007

- ▶ Provided solutions to customer grievances and completed documentation of calls and product issues resulting in numerous 100% QA
- ▶ Communicated technical troubleshooting steps with customers and technicians
- ▶ Received Technical Tier II training for HD satellite services and equipment

Musician, Recruiter | Boise Bible College | Boise, ID | Aug 2004 - May 2005

- ▶ Encouraged youth to attend the college through performance, leadership, and conversation
- ▶ Organized, prepared, and performed for concert and fundraising events across the Pacific Northwest with audiences of over 1000

September 18, 2018

**THEODORE LESSMAN**

Hiring Manager  
City of Eugene - Human Resources  
940 Willamette St, Suite 200  
Eugene, OR 97401

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Eugene, OR 97403  
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Dear Hiring Manager,

It was nearly a year ago that I had decided that I would like to work for the City of Eugene. I had taken a course on Sustainable Cities in the College of Design at the University of Oregon. After meeting and learning from the many presenters who visited from planning, sustainability and urban forestry, I had the opportunity to work with Scott Altenhoff on crafting a public outreach document alongside my team to garner support for the 2021 by 2021 planting initiative. It was very rewarding to contribute to a project for the city where I grew up, and I am excited to watch our city transform in the coming years.

I am now writing this letter to apply for the Geographic Information Technician I/II with the Parks and Open Space division that was advertised through your careers site on [governmentjobs.com](http://governmentjobs.com) as of September 17, 2018. I recently graduated with a Bachelor's of Science in Spatial Data Science and Technology from UO, where I studied topics ranging from GIScience, computer science, human and physical geography, and the occasional course in politics and sustainable design. I am available beginning October to contribute to the continuous development of Parks and Open Space mapping solutions.

In addition to the GIS and software development abilities highlighted below, my experience in customer service brings with me additional skills beyond my academic scope. Through customer engagement and employee interactions, I developed teamwork, and both interpersonal and technical communication skills. Ingenuity, excitement, and careful thought come with me to Parks and Open Space. Throughout my coursework, I completed various projects which have focused on a few of my interests: using devices to improve our world, imagining what our future cities will look like, and informing decision through science and visualization.

Along my path I developed a prototype for a location-aware web application [illumcloud](#), which allows citizens to map and export scientific quality light sensor data while using their phone as they walk. Using a python script, the users' paths can then be combined into a point cloud database of geolocated illuminance values and transformed into a map of lighting conditions, finding use in well-lit path analysis, among others.

For the 2021 by 2021 project, our team created an [ESRI story map](#) using climate research and visualizations to encourage citizens to volunteer planting sites. Over the summer, I contracted in the Green Infrastructure - Urban Forestry office under Michelle Parkins and Scott, where I continued that work, writing the data requirements for the 2021 by 2021 entry in The City's Maintenance Management System. Additionally, I performed data processing for the Street Tree Inventory project, and pre-processed urban heat island data (which I escalated to Eric Cariaga for use across divisions).

Thank you for considering my application for your GIS Technician I/II position. I am excited to have a chance to do more work within our community.

I am available on my mobile at 208.908.1936 by email at [theospatial@gmail.com](mailto:theospatial@gmail.com).

Please visit my portfolio: [pages.uoregon.edu/tlessman](http://pages.uoregon.edu/tlessman)

Sincerely,

Theodore Lessman