

Lev Bakin

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PROFESSIONAL EXPERIENCE

Temporary Data Entry Specialist

American Family Insurance/Spherion & United Way of Dane County/QTI ■ Madison, WI

April 2019 - Current

- Two similar temporary positions stationed at American Family Insurance and United Way of Dane County.
- Prepared, compiled, and sorted documents for data entry into the prescribed computer database.
- Verified data and corrected it when necessary.
- Performed front desk receptionist duties, which involved taking queries from the public, directing calls to the appropriate staff, and providing general administrative support.

Geospatial Analyst

Continental Mapping Consultants Co. ■ Madison, WI

June 2018 - April 2019

- Extracted features from satellite imagery (ie. roads, buildings, rivers) and denoted their relevant attributes for use in government operations. This information was entered into the project database and delivered to the client.
- Finalized projects to ensure our data was delivered cleanly and with minimal errors. Project finalization involved using SQL to query and change datasets, verifying proper attribution of features, and working closely with the project lead to secure customer satisfaction.
- Wrote and modified python scripts to increase efficiency of repetitive tasks. My script that automatically calculated the angle of a set of features in a database reduced a several hour long task to a five minute exercise.

Non-Certified Clinical Laboratory Scientist

Exact Sciences Co. ■ Madison, WI

January 2017 - May 2018

- Responsible for executing moderately complex analytic tasks such as ELISAs and quantitative Real Time PCRs in order to help perform colorectal cancer screening tests.
- Rewarded by supervisor for strong teamwork ability, consistently identifying bottlenecks in workflow, and communicating them to leadership and coworkers.
- Accessioned and processed patient samples at a highly efficient rate, while committing next to zero mistakes.
- As part of the Expansion Committee, we provided suggestions on how to store and place our instruments and supplies in our new laboratory space for the most efficient usage.

Administration Coordinator Assistant:

Trimet LIFT ■ Portland, OR

March 2016-October 2016

- Communicated with external stakeholders, such as the cab company, and internal stakeholders, such as the bus drivers and mechanics departments, in order to compile data used in our status reports.
- Provided administrative support to Portland's public transportation service by creating logistics reports and communicating the needed actions to management.
- Managed the quality and integrity of our outsourced transportation services by reviewing rides that have been outsourced to the local cab company. This was done by identifying trouble drivers, problematic differences between our reporting data and theirs (mileage, time of day), and creating a more efficient method for reviewing the bill.
- Monitored and updated process changes to documents.
- Ensured all financials for TriMet LIFT are properly accounted for and in balance.

Remote Sensing Technician:

Quantum Spatial Inc. ■ Portland, OR

August 2014-February 2015

- Ensured conformance to quality standards using Microstation v8.1 on LiDAR-derived point clouds. We achieved an average vertical accuracy of ~20 cm.
- Using ArcGIS 10.2, we administered quality control on orthophotos, primarily observing and fixing locations where the DEM may be faulty or the seam algorithm was imperfect.
- Identified as a "CEMA Superstar" for my work on a project where our team identified dead and dying trees in danger of damaging electrical lines and potentially starting a wildfire.

Research Assistant:

Portland State University ■ Portland, OR

June 2014 - September 2014

- Created a landslide inventory within the glacial deposits of North Washington state fluvial valleys.
- We analyzed the landslides through the use of ArcGIS Spatial Analyst and Spatial Statistics toolsets and created a hypothesis on landslide behavior by using the patterns observed within this inventory.

EDUCATION

BS Earth Sciences:

2012

- **Thesis:** *Method for Approximating Total Sediment Delivery of an Earthflow*

University of California at Santa Cruz ■ Santa Cruz, CA

LiDAR and Landscape Evolution

2015

Portland State University

Computer Science Courses

2019 - current

- The Complete 2019 Web Development Bootcamp by Udemy
- Python 3 Tutorial and SQL Fundamentals by SoloLearn

SKILLS

- **COMMUNICATION SKILLS** - Conversationally fluent in Russian language ■ Basic knowledge of Spanish language
- **COMPUTER SKILLS** - Adobe Photoshop (2 years) ■ ArcGIS 10 (4 years) ■ CSS (1 year) ■ JavaScript (1 year)
■ HTML5 (2 years) ■ MatLab (1 year) ■ Microsoft Office Suite (10+ years) ■ Python 3 (1 year) ■ SQL (1 year)

COMMUNITY INVOLVEMENT

Humanitarian OpenStreetMap Team Volunteer ■ 2017 & 2018

Elderly Caregiving ■ August 2015 - Nov 2016

Community Leader & National Champion in Killer Queen ■ 2015 - Present