**Taylor Lundeen:**

**Silver Spring, MD**

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**(425) 281-5932**

**Objective**

Seeking to advance my career in the field of GIS

**Education**

University of Idaho-Moscow, ID: September 2008-May 2012

Degree: B.S. Geography

University of Arizona-Tucson, AZ: January 2013-December 2013

Degree: M.S. GIS

**Technical Skills**

-Familiar with ARCGIS Desktop, ARCGIS Online, ARCGIS Model Builder, ARCGIS Server, FME Workbench, Visual Studio, and SQL Server, along with Python, JavaScript, CSS and C# programming.

**Work Experience**

**GIS Contractor: Shiva Inc/U.S. Department of Housing and Urban Development – Washington, DC: February 2017 – July 2018**

- Developed Python scripts to automate GIS processes

- Conducted analysis procedures on large sets of demographic data

- Updated HUD web mapping applications on ARCGIS Online, and created new ARCGIS Online applications

- Created custom interactive web mapping applications to allow users to better visualize HUD Demographic data, using the ARCGIS JavaScript API, CSS, Dojo, and HTML

**GIS Contractor: Atkins – Calverton, MD: August 2016 – September 2016**

- Performed a series of QC analysis checks on FEMA flood risk GIS data, to ensure that the data is accurate and up to date

- Worked with a Model Builder script used for generating summary statistics for FEMA flood risk data to ensure that the model stopped generating null values

**GIS Contractor: Coughlin Porter Lundeen - Seattle, WA: March 2016 – June 2016**

- Developed a series of web mapping applications using the WebApp Builder in ARCGIS Online. These applications displayed the location of engineering projects along with associated power, cable, and stormwater data for those projects and links to blueprints for those structures.

- Created web mapping apps that had various planning data

- Read utility blueprints and digitized the data into GIS format to be used in those web mapping applications

**GIS Contractor: Wicresoft/Microsoft (Bing Maps) - Bellevue, WA: July 2014 - January 2016**

- Converted spatial data between different formats, using programs such as SQL Server, FME Workbench, and the command prompt.

- Found spatial data sources and analyzed potential spatial data sources to determine the feasibility of the data

- Oversaw a team of editors, providing them with a workflow and verbal instruction

- Helped to add GIS data into the Bing Maps database using SQL Server

- Performed topology checks on edited data using the ArcMap Data Reviewer extension.

- Created and edited large excel spreadsheets using SharePoint

- Set up ARCSDE enterprise geodatabases using ARCGIS Server along with versions to allow for versioned editing

- Created SQL Scripts to perform bulk editing of large spatial databases and move spatial data between databases

- Created SQL Scripts for QC checks to verify requisite data schemas, and non-duplication on those spatial databases

- Worked on debugging and editing C# scripts used for adding GIS data into the Bing Maps database