

# **BRIAN LEGGE**

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## **OBJECTIVE**

Obtain a strong GIS Analyst/Engineer position within a growing company where I can maximize my technical skills, programming efficiency, and knowledge base.

## **SKILLS:**

Computer: SQL, Java, Python, ASP.NET, JavaScript, Networking, HTML, ArcGIS, Smallworld, QGIS

Individual: Creative, Adaptable, Outgoing, Self-Starting, Problem Solving

## **WORK EXPERIENCE**

### **BLACK HILLS ENERGY – Denver CO**

#### **GIS Analyst**

March 2021 – Present

- Create documentation on GIS practices and process
- Provide GIS support for integrity group
- Manage Integrity risk model runs for Distribution, Transmission and Storage.

### **EN ENGINEERING – Warrenville IL**

#### **Sr. GIS Technician**

July 2014 – February 2021

- Provide IT services for GIS users
  - Install Software
  - Trouble shoot ArcGIS issues
  - Send help tickets to Esri
  - Manage license usage for ArcGIS users
  - Manage access to remote machines
- Create Websites for users using ASP.NET and SQL Server Management Studio
- Create Python scripts to manage workflows in ArcGIS and for background tasks in ASP website
- Update and QC client GIS Gas Asset data in ArcFM, Smallworld, Intrepid
- Generate reports collected from field crews utilizing ArcPy and ESRI report generator
- Export data from ArcGIS to CAD for drafters
- Field note gas utility data
- Process data collected from Arrow and Trimble units
- Created GIS web apps using ArcGIS API for python, ArcGIS API for JavaScript

### **TERRA ENGINEERING – Chicago, IL**

#### **GIS Associate**

July 2013 – July 2014

- Manage data collected from field crew in GIS
- Update status of work to Client and maintain customer contact
- Manage field crew on where to collect data from
- Upload data to IDOT
- Aid on other GIS projects
- Georeference historical aerial photos and newer photos using ArcGIS

### **FISH TRANSPORTATION GROUP – Oak Park, IL**

## GIS Specialist (Internship)

March 2013 – July 2014

- Establish use of GIS in projects
- Manage GIS data received from client and organize it for use
- Schedule routes for drivers
- Document tutorials on GIS Programs (ArcGIS, Google Earth, Google Maps, USGS Web Site)

## **EDUCATION & CERTIFICATIONS**

University of Wisconsin Madison, Madison, WI

May 2021 (Anticipated)

- Masters –GIS & Web Map Programming
- Attending at the start of January 2018

DePaul University, Chicago, IL

September 2013

- Certification – GIS
- Dean's List
- Lloyd's of London Internship
- GPA: 3.5

Carthage College, Kenosha, WI

May 2012

- Bachelor of Arts – Asian Studies, Minor: Geography, Japanese
- Graduated Cum Lade
- Dean's List
- GPA: 3.6
- Japanese Tutor; 4 Years of Japanese
- Geography Club

### Projects & Accolades:

- Automated several Project Work Flows
- Presented at EnerGIS 2019