**JULIE L. BOYDEN**

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# SUMMARY OF QUALIFICATIONS

* Extensive experience integrating road asset and pavement data into ArcGIS software and apps.
* Skilled in Python programming and GIS development to assist and create automated processes.
* Excelled in a Marketing and Sales position requiring superb written and verbal communication skills.
* Strong ability to problem solve when consulting clients on their technological needs and ideas.
* Excellent leadership, communication, and organizational skills.

# EDUCATION

Cartography/GIS **Anticipated Completion: December, 2021**

University of Wisconsin - Madison – Madison, WI

**M.S. GIS Development**

Geography/GIS **2016**

Minnesota State University - Mankato – Mankato, MN

**B.S. Professional Geography and a GIS Certificate**

# EXPERIENCE

**Mandli Communications/Roadview**, Fitchburg, WI

## Data Integration/GIS Technician June, 2019 - Present

* Implementing a single ArcGIS Enterprise within company to create more opportunities for data analysis and visualization with Esri software and apps.
* Assessing and updating GIS models to enhance and further automate processes with Python scripting.
* Build and standardize geodatabases for customers.
* Use web development knowledge to create online web maps for customers to view and search through their data quickly and thoroughly.
* Provide consulting services to assist clients in ways to use Mandli’s data more effectively.

***Data Integration/Consulting Intern*** **February, 2019 – June, 2019**

* Evaluate the uses and plan for a single ArcGIS Enterprise within company.
* Assess and update current GIS models to enhance and further automate processes with Python scripting.

***Marketing and Sales Intern*  October, 2018 - February, 2019**

* Implemented new marketing strategies within the company through email campaigns, surveys, etc.
* Used technical and creative ability to display data in an appealing and informative way to customers.
* Attended conferences to work with customers face to face.

## Data Technician May, 2017 - October, 2018

* In charge of group of data processors to overlook work and give feedback in person or in text.
* Assist in delivery of data using various software as well as ArcMap to perfect data.
* Process attributes for data and utilize learned skills to help with various projects, wherever needed.

***Data* *Processor* October, 2016 - May, 2017**

* Process attributes of road assets using Mandli Software - RoadviewLidar.
* Process Pavement distress using Mandli Software - Roadview7.
* QC team member’s work and provide feedback.

# SKILLS

* Proficient in Esri Software/Apps (Arc Map, Arc Pro, Arc Online) and Microsoft Office
* Experienced in Model building, applying Python scripting
* Competent with QGIS, SQL, and ArcGIS API for Javascript

# AFFILIATIONS

Coach, Millenium Soccer Club (2019-Present)

Member, Autonomous Vehicle Club (Mandli Communications) (2017-2018)