Ronald J. Kelley

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Website/Portfolio: rkelley22204.github.io

Seeking Entry Level GIS Technician or Analyst Roles in the Infrastructure Industries.

Skills

- ➢ GIS & Spatial Analysis (ArcGIS, QGIS, SQL)
- ➢ GIS Workflow Optimizations (Python, OGR, GDAL, ArcPy)
- ➢ Cartographic Visualization (Adobe Illustrator)
- ➢ Web Design (HTML, CSS, Bootstrap, Github)
- ➢ Site Inventory, Analysis, and Design (AutoCAD)
- ➢ Remote Sensing/Imagery Analysis (LiDAR, DEM, ENVI)
- ➢ Statistics (RStudio)

Work Experience

State Cartographer's Office - Madison, WI - September 2025 - Present

GIS Intern

- ➢ One of three interns selected to work on the Wisconsin Department of Transportation's Georeferencing Contract
- ➢ Gained experience in the ArcGIS Pro environment, working with large datasets and with the digitization process.
- ➢ Uploaded engineering drawings to the State's GIS database after converting them from local to projected coordinate systems.
- ➢ Pinpoint accurate plats allowed for DOT to easily identify property lines, overlay aerial imagery accurately, and document and maintain roadway assets.

West Virginia Division of Highways - Burlington, WV - Summer 2025

Traffic Engineering Co-Op

- ➢ Utilized ArcGIS Pro to create a digital inventory of all traffic signs, signals, and right of ways along state maintained highways in a seven county district.
- ➢ Used data collection devices and traffic engineering principals to determine necessary improvements to highway infrastructure.
- ➢ Conducted inspections of district sub stations, their water run-off systems, and fuel tanks to ensure compliance with state and federal regulations.

Education

University of Wisconsin - Madison

- ➢ Bachelor of Science in Cartography and GIS, Geography, Landscape and Urban Studies.
- ➢ Certificate in Environmental Studies.
- ➢ GPA: 3.51
- ➢ Dean's List