

JACOB T. RODEL
GIS Analyst

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Mr. Rodel is a staff GIS Analyst at Applied Weather Associates (AWA). He received an A.A.S in Geographic Information Systems (GIS) from Alexandria Technical College in 2002. He worked as a GIS Technician for Todd County, MN for 10 years. In this role, he worked on many different projects covering all aspects of GIS. His primary focus was creating and maintaining Todd Counties' Cadastral database. He also created a custom web mapping application using open source software to integrate land records documents with the Counties GIS data. Before joining the team at AWA, Mr. Rodel also worked as GIS Principal/Cadastral Project Manager with St Louis County, MN where he helped them earn the special achievement in GIS (SAG) Award from ESRI for their innovative use of GIS technology to integrate land records documents with spatial data.

PROFESSIONAL EXPERIENCE

Applied Weather Associates (1/2014 – Present) – GIS Analyst

- Production of maps, tables, and illustrations for use in working analysis, proposals, presentations, and final project reports.

St Louis County (MN) Auditors' Office (6/2012 – 12/2014) – GIS Principal/Cadastral Project Manager

- Convert legacy cadastral data to ESRI Local Government Information Model in an enterprise SDE database
- Create geoprocessing models and scripts to automate data exportation and database maintenance
- Develop survey database and workflows for database maintenance and updates
- Develop workflows and manage multi-user editing environment

Todd County (MN) GIS Department –Technician (10/01 - 5/12), Consultant (5/12 - 6/13)

- Created and maintained Todd County's parcel and survey database
- Converted cadastral database to ESRI Local Government Information Model
- Created a web-based mapping application incorporating MS Access databases, programming in JavaScript, HTML, PHP, and XML and extensive use of Geomoose and MapServer (<http://mapping.mytoddcountry.com/toddcountry/geomoose.html>)
- Developed database and created workflows for import/maintenance of survey control

EDUCATION

Alexandria Technical College, Alexandria, MN - A.A.S/ GIS - 2002

PROFESSIONAL AFFILIATIONS

- St Louis Co. GIS Advisory Committee
- Arrowhead Regional GIS Collaboration
- MN GIS/LIS Consortium
- Parcels and Land Records Committee (State of MN)
- Northern MN GIS User Group