

RANDY SINCOULAR

E-MAIL: RANDYSINCOULAR@GMAIL.COM

Portfolio: <https://randysincoularuw.github.io/portfolio/>

SUMMARY OF QUALIFICATIONS

- Extensive background designing, developing, and maintaining GIS applications in an electric and gas utility
- 300% productivity improvement for Gas Leak application
- Experience supporting gas regulatory programs: DIMP and NPMS
- Experience coordinating, designing, developing and maintaining large, complex GIS projects and software upgrades and working with multiple work groups
- Persistent and experienced troubleshooting with excellent problem-solving skills
- Passionate about GIS. Continually looking for innovative ways to use technology to create new solutions

SUMMARY OF SOFTWARE & APPLICATION DEVELOPMENT SKILLS

- Scripting and development languages: C#/.Net, ArcObjects, JavaScript, jQuery, CSS, HTML, Perl, Python, SQL, PL/SQL, Java, SDE
- Databases: Oracle, SQL Server, PostGIS, PostgreSQL
- Applications: ArcFM Solution, ArcGIS Desktop, ArcGIS Server, Portal, Collector, AGOL, Citrix
- API's: Leaflet, d3.js, ArcGIS JavaScript
- Machine learning and Advanced Spatial Analysis

WORK EXPERIENCE

Alliant Energy • IT Senior Analyst • Madison, WI • 1993 - Present

Duties:

- Technical lead for implementing Mobile GIS and GPS technology, ArcGIS Server and Portal for ArcGIS and Gas Regulatory programs: DIMP and NPMS
- Developed Gas Leak application that collects and stores data in ArcGIS with **300% improvement** in productivity over the old process
- Technical lead for design, development and integration of GIS Web Services used by Workforce Management group
- Provide technical support of GIS applications for both office and field users
- Design, development and implementation of large gas and electric GIS projects including Esri/ArcFM software upgrades and working with multiple work groups
- Create technical support documents using MS Word and architectural diagrams using Visio
- Experience mentoring junior developers; held weekly update meetings with GIS developers and staff from Data Networks, Intel Server, DBA's

Resume: Randy Sincoular

Wisconsin Department of Transportation • GIS Analyst • Madison, WI • 1991 - 1993

Duties:

- Project leader and developer of GIS Highway Safety Management and Crash Reduction System using Esri ArcMap software
- Installation of application at multiple offices through-out the state
- Development of documentation and support materials
- Provided support to end users and application maintenance

Foth & Van Dyke Consulting Eng. • GIS Coordinator • Green Bay, WI • 1990 - 1991

Duties:

- Development of new GIS service line, including GIS application demos
- Provided marketing and education of GIS for staff and potential clients

City of Milwaukee • Senior Systems Analyst • Milwaukee, WI • 1986 - 1990

Duties:

- Design & development of GIS applications
- Provide technical support to various City departments

EDUCATION

UW Madison • Enrolled in Online M.S. in GIS & Web Map Programming. Completed classes • Graphic Design in Cartography Class • Interactive Cartography & Geovisualization • Advanced Spatial Analysis • Geospatial and Mobile Programming Expected graduation – *Fall 2018!*

Madison Area Technical College • Internet Development Certificate • 2004

UW Green Bay • B.S. Geography & Business

ACTIVITIES/AWARDS

Name: Special Achievement in GIS Award – Alliant Energy GIS Team
Issued by: Esri
Date: Esri User Conference, 2014

Name: GITA – Wisconsin Chapter
(Geospatial Information Technology Association)
Positions: Secretary, President, Executive Board Member
Date: 1998 to Present

Name: Division of Highways Exceptional Performance Award
Issued by: Wisconsin Department of Transportation
Date: July 1993