

RANDY SINCOULAR

E-MAIL: RANDYSINCOULAR@GMAIL.COM

SUMMARY OF QUALIFICATIONS

- Extensive background designing, developing, and maintaining GIS applications in an electric and gas utility
- Developed several complex Python applications using ArcPy to process millions of records and perform spatial analysis
- 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, Perl, Python/ArcPy, SQL, PL/SQL, Java, SDE
- Databases: Oracle, SQL Server, PostGIS, PostgreSQL
- Applications: ArcFM Solution, ArcGIS Desktop, ArcGIS Server, Portal for ArcGIS, Collector, AGOL
- Machine learning and Advanced Spatial Analysis

WORK EXPERIENCE

University of Wisconsin - Madison • Associate Lecturer • Madison, WI • 2019 – Present

Duties:

- Online instructor for Introduction to Geo-Computing and Python
- Grading, mentoring and holding virtual meetings with students
- Consistently receive positive feedback from students

Alliant Energy • IT Senior Analyst • Madison, WI • 1993 – October 2019

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
- Design, development and implementation of large gas and electric GIS projects including Esri/ArcFM software upgrades and working with multiple work groups
- 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; Supported end users and application maintenance

EDUCATION

UW Madison • M.S. in GIS & Web Map Programming • Graduated – Fall 2018 • 4.0 GPA

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