

Andrew Winchell

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SKILLS

SQL • Python • Project Management • ArcGIS Desktop • ArcGIS Online • ESRI Mobile Apps • AutoCAD Civil 3D • Model Builder • Fiber Design

EDUCATION

University of Wisconsin Madison

Master of Science Geographic Information Systems Development

Anticipated May 2023

University of Wisconsin Oshkosh

Bachelor of Science Geography & Certificate Geographic Information Systems

May 2018

EXPERIENCE

Mi-Tech Services, Inc

GIS Specialist

Green Bay, Wisconsin
August 2018 - April 2021

- Configured various GIS technologies to save thousands of dollars annually in software licensing, increased field crew production, and decreased critical down time, post-production, and billing.

Momentum Design, LLC

Lead GIS Specialist

Green Bay, Wisconsin
May 2021 - March 2022

- Piloted the transformation of utility pole field design that increased daily field production by an average of 20%, eliminated hours of post-processing work, and freed over 1TB of server space.
- Design customized utility asset data collection systems leveraging the ESRI ArcGIS Online platform.

Cobec Consulting, Inc.

Associate Consultant - ArcGIS Developer

Washington, D.C.
March 2022 - Present

- Designed comprehensive workflow through multiple ESRI resources for collecting, reporting, and analyzing Terminal Automation Modernization & Replacement (TAMR)
- Wrote programs in Python to analyze a survey123 feature report and convert it into a formatted excel workbook.