



Statement of Qualifications

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North Point Geographic Solutions
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www.northpointgis.com

North Point Geographic Solutions, LLC

Company Profile

North Point Geographic Solutions, LLC (NPGS) is a dynamic geographic data management company specializing in Geographic Information Systems (GIS) consulting, and providing expertise in a wide variety of GIS services and applications. From data conversion or production, to custom GIS application development, NPGS employs knowledgeable staff who provide our clients with innovative solutions for the most challenging GIS problems. NPGS's vision is to offer our clients the latest in today's GIS technology and provide high quality, responsive services tailored to fit the individual clients needs at affordable prices.

Background

Founded in 2006, NPGS is on the cutting edge of innovation with staff members specifically trained in GIS, and capable of providing a complete range of GIS services, including web solutions, data management and mapping, enterprise-wide consulting, and application development. NPGS provides GIS services to city, county, state, federal and tribal governments as well as private industry and individuals.

NPGS maintains strong relationships with clients in both the public and private sector, and through our experiences, we are able to offer a comprehensive set of skills in GIS application and distribution. Our interactions with a wide variety of clients, along with continuing education and training in the latest GIS technologies and applications, allows us to implement a broad range of GIS solutions and technologies tailored to fit individual needs. NPGS owner, Jesse Adams is also experienced in teaching various GIS workshops and courses, including Adobe Flex, Programming for ArcGIS, Practical Applications for GIS, and Introductory GIS.

Above all, NPGS has a strong commitment to clients and to providing superior customer service. This commitment is reflected through the quality of services and products we deliver, our professional interactions, and the attention and care we give to each customer. At NPGS our goal is to develop and support long-term business relationships not only within our own region, but throughout the broader GIS community.

Services

- **GIS Data Management**
- **Web Mapping Applications**
- **Cartography**
- **Custom GIS Projects/Analysis**
- **GIS Training**

Company Facilities and Technology Description

North Point Geographic Solutions is located at 31 West Superior Street, Suite 100D in Duluth Minnesota. NPGS uses exclusively Windows PC based computers for GIS analysis and data development. For software, NPGS utilizes the ESRI ArcGIS suite for data development, analysis, and web based application development. NPGS has chosen to use ESRI as an industry standard for GIS data analysis and development.

Personnel

Overview

North Point Geographic Solutions provides clients with highly qualified, specifically trained GIS staff, and skilled in-house staff members and resources. Each project will be addressed by personnel with the background and technical expertise necessary to produce a superior quality finished project.

Background

North Point Geographic Solutions presents the following information evidencing the qualifications and capabilities of key staff members. If further information regarding any staff members is required, it will be provided upon request.

Jesse S. Adams
Principal GIS Analyst

Education

M.S., Geography (GIS/Cartography), St. Cloud State University, 2007
B.S., Geography (GIS/Cartography), University of Wisconsin Madison, 2004

Professional Summary

Mr. Adams is the Principal GIS Analyst for North Point Geographic Solutions. He is responsible for project management, ArcGIS Server based custom GIS web applications using Flex, Silverlight, and Javascript, custom ArcGIS Desktop applications, field data collection, data modeling, and geographic data analysis.

Professional Experience

- Owner/Operator of North Point Geographic Solutions; ArcGIS Server application development using the Flex, Javascript, and Silverlight API's, ArcGIS Desktop customization using Visual Basic .NET, ArcPad customization using VBScript, GIS data modeling, project manager, and day to day business operations.
- Adjunct GIS Faculty for Fond du Lac Tribal and Community College; taught Introduction to GIS, Advanced Applications of GIS, Programming with ArcGIS, and Recreational GPS Usage.
- GIS Analyst for CSC and ASRC contractor to the EPA; developed ArcGIS Server applications, water resources GIS analysis using NHD Plus, ArcGIS Desktop Customization using Visual Basic .NET, and general cartography.
- GIS Technician for the Anoka County Highway Department; field collection of NPDES discharge points using Trimble GeoXH and ArcPad, GIS field data integration using ArcPad Data Manager for ArcGIS Desktop.
- Independent contractor to the US Geological Survey; maintained and updated the National Wetlands Inventory, developed ArcGIS desktop applications for automated data processing, and helped tune and configure ArcSDE for Oracle.
- Web Designer for the Wisconsin State Cartographer's Office; developed dynamic webpages using PHP, HTML, Java, and Visual Basic.
- Managed the creation of the St. Louis County Plat Book Pilot Project, allowing the county to produce data-driven plat books using GIS.

Andrew King-Scribbins
GIS Specialist/Cartographer

Education

B.A., Geography, University of Minnesota Duluth, 2007
Diploma, Richland Center High School, Richland Center, WI, 2002

Professional Summary

Mr. King-Scribbins is a GIS Specialist, and the principal Cartographer for North Point Geographic Solutions. He is responsible for data creation and management, field data collection and integration, and custom cartography for numerous projects.

Professional Experience

- GIS Specialist/Cartographer for North Point Geographic Solutions; data creation and management, GPS data collection and integration into GIS, custom cartography, County Plat Book label/symbology/layout customization.
- GIS Technician with the City of Superior WI; assisting the GIS Coordinator with integrating GIS into Emergency Management use including installing/updating software, giving users remote database access, and training users.
- GIS Specialist/Cartographer for Sportsman's Connection; data collection, creation and maintenance for use in outdoor recreation/road atlases. Atlas completed for MN, WI, MI, NY and PA.
- GIS Technician for the UMD GIS Lab; digitizing land cover features from historic plat maps and creating models to compare historic and modern land cover, hydrology and soils data.
- Intern for the Wisconsin DNR, Brule River State Forest; marking fish inventory nets with GPS, informing visitors of canoe route locations and lengths, and stream bank restoration with man made shelters for trout habitats.
- Developed processes for the St. Louis County Plat Book Pilot Project, allowing the county to produce data-driven plat books using GIS.

Hollie A. Parsons
GIS Technician

Education

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B.S., Biology, University of Minnesota, Duluth, 1994
Certificate of GIS, University of Wisconsin, Superior, 2009

Professional Summary

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Ms. Parsons is the principal GIS technician at North Point Geographic Solutions. She is responsible for digitizing features, data creation, data management and report writing for ongoing projects.

Professional Experience

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- Student Assistant at the University of Wisconsin, Superior, assisting students in GIS lab with Arcview 3.3 assignments and projects.
 - Laboratory Manager for ASci-Environmental Toxicity Laboratory, Duluth, MN overseeing all aspects of client studies, facility and staff management.
 - Senior Biologist for ASci-Environmental Toxicity Laboratory, Duluth, MN, performing biological acute and chronic toxicity testing, report authoring, and directing daily activities for staffed technicians.
 - Taxonomic Support Technician for Wilson Environmental Labs-EPA contractor, Duluth, MN working on great rivers, and great lakes projects sorting macro invertebrates from sediment samples, producing invertebrate slide mounts, recording project data and compiling final project data for deliverables.
 - Biological Lab Technician for SoBran Inc.-EPA contractor, Duluth, MN working on site at Wetlab facility maintaining all culturing units, organisms, records, requests for organisms and providing public tours of facilities.
 - Biological Lab Technician for ILS Inc.-EPA contractor, Duluth, MN working on site at Wetlab facility maintaining all culturing units, organisms, records, requests for organisms and providing public tours of facilities.
 - Biological Lab Technician for ASci-ETL, Duluth, MN working on acute and chronic bioassays performed on invertebrate and vertebrate species for client discharge permit testing.
 - Minnesota Department of Natural Resources – GLO Notes Project, Digitize original public land survey notes.
 - Arrowhead Regional Development Commission – Northshore Oblique Aerial Photo Analysis, Digitize Lake Superior Northshore oblique aerial photographs for impervious surface analysis and land use change.

Projects

Overview

North Point Geographic Solutions strives to provide consistent, high quality services that are on the leading edge of innovation for the GIS community. Staff members regularly attend industry workshops, conferences and courses that allow us to bring the latest technologies to our clients, while also providing quality support and maintenance of existing software and technology. We pride ourselves on maintaining excellent time management for our customers projects, and will make every effort to ensure your specifications are met in a timely and thorough manner.

North Point Geographic Solutions has worked with a wide range of clients from government to private industry, including UPM Blandin, Minnesota Department of Natural Resources, St. Louis County, Minnesota and Arrowhead Regional Development Commission (ARDC). Detailed descriptions of past projects or client references will be provided upon request.

Additional Information

Statement of Insurance

North Point Geographic Solutions maintains current general liability insurance coverage as required for professional consulting businesses. If further information regarding insurance coverage is required, it will be provided upon request.

List of Equipment and Software

- Windows PC Computers
- ESRI Developers license for ArcGIS Server 9.x and 10
- ArcGIS Desktop
- ArcPad
- Trimble field GPS data collection units supporting a variety of accuracy needs
- Multiple Servers running ArcGIS Desktop and Server for development and testing
- Flash Builder 4
- Flash Catalyst
- Visual Studio 2008
- Microsoft Silverlight
- Variety of printed materials and map sizes available



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