

Jesse S. Adams

Education

- 2007: Master of Science Degree Geography (GIS); Saint Cloud State University
- 2004: Bachelor of Science Degree Geography (GIS); University of Wisconsin-Madison

Work experience

North Point Geographic Solutions, Owner

Duluth, MN

9/06 – Present

- UPM Blandin Paper: Streamline and clean GIS data; geodatabase organization; extensive GIS Desktop Customization
- ArcGIS Server Support and Interactive Map Creation: GIS database of presettlement vegetation; MN DNR GLO Project
- Numerous static and animated maps; www.northpointgis.com

GIS Analyst

CSC/ASRC

Duluth, MN

10/06 – 3/09

- Contractor to the US Environmental Protection Agency – Providing geospatial support for water resources research
- Basic map creation; managed Oracle SDE; ArcGIS Server Web ADF; many spatial analysis projects using ESRI software

GPS/GIS Intern

Anoka County Highway Department

Anoka, MN

5/05 – 9/05

- Designed and gathered cross culvert features in requirement of the NPDES using a Trimble GPS
- Helped Anoka County Highway Department streamline GIS processes

Graduate Assistant

Saint Cloud State University

St. Cloud, MN

8/04 – 5/05

- Information technology assistant
- Troubleshooting various computer related problems
- Set up an ArcSDE server with Microsoft SQL and a pilot ArcIMS website

Independent Contractor

United States Geological Survey

Madison, WI

4/04 – 8/04

- Update and maintain National Wetlands Inventory databases using ArcGIS Desktop
- Updated and Maintained ArcSDE Geodatabase

Web Designer

Wisconsin State Cartographers Office

Madison, WI

8/03 – 4/04

- Designed and maintained the State Cartographers Office web page (www.sco.wisc.edu)
- Used PHP, HTML, Java, and Visual Basic to create dynamic web pages

Student Intern

UPM Blandin Paper Mill

Grand Rapids, MN

5/02 - 8/02 Fulltime, 9/02 - 12/02 Part time, 5/03 – 8/03 Fulltime

- Developed a method to automatically habitat type forested land using ArcObjects
- Designed and conducted a study to evaluate areas taken out of production by timber harvest using a Trimble GPS
- Designed and conducted a biomass study of sites logged in 2001

Student Intern

Minnesota DNR

Grand Rapids, MN

5/01 - 8/01 Fulltime, 9/02 - 5/02 Part time,

- Entered the original Public Land Survey using a Minnesota DNR extension for ArcView 3.2
- Used ERDAS to do aerial photo rectification

Other Experience

- ESRI Student Assistant for the 2005 International Users Conference, Bixby Scholarship recipient
- Treasurer Gamma Theta Upsilon national geography honors fraternity, St. Cloud State Kappa Lambda chapter
- Visual Basic, Java, PHP, HTML, ASP, ArcObjects, Python, Adobe Flex, Silverlight
- Very efficient with Microsoft Word, Excel, ERDAS Imagine 6, ArcView 3.x, ArcGIS Desktop 9.x & 8.x
- Efficient in ArcINFO, Adobe Illustrator, Photoshop, Adobe Flash, Dreamweaver, ArcSDE, and ArcGIS Server