

# Gregory A. Roberts

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## Experience

**Graduate Assistant**, DeKalb County Economic Development, Sycamore, IL, Aug. 2007 - Present

- Organized and maintained a GIS containing utilities and other layers to be used in the mapping of available sites and buildings in DeKalb County.
- Maintain company website – Update demographic information as it becomes available; manage general website content.

**GIS/Planning Intern**, City of Charleston Planning Dept., Charleston, IL, Jan. 2007 – Aug. 2007

- Built and maintained a GIS for the City of Charleston Planning and Zoning Department.
- Created and updated zoning, land use and other layers for the city GIS.
- Created a citywide address database of over 10,500 addressable units using U.S. Census Bureau format (LUCA) for use in the 2010 census and for use with emergency response.

**GIS Intern**, Coles County Regional Planning, Charleston, IL, Sept. 2005 – Jan. 2007

- Used GIS for various projects including: Coles County Transportation Plan, Bulletin 810, Coles County Comprehensive Plan, Coles County FEMA Hazard Mitigation Plan, and GASB 34 Countywide infrastructure inventory.
- Worked with Leica and Trimble GPS units collecting and analyzing data and producing maps for the City of Mattoon, IL. Water and Sewer systems.

## Equipment/Software Experience

- Have worked 3 ½ years of internships and completed 21 credits of graduate and undergraduate coursework directly relating to ESRI ArcGIS use and analysis.
- Experienced with ESRI ArcGIS products including ArcINFO 9.3, ArcCatalog, ArcToolbox, Model Builder, Autodesk AutoCAD, Computer Programming using Visual Basic.NET, Website Design Software including Adobe Dreamweaver CS3, Adobe Contribute CS3 and all Microsoft Office Suite products.
- Experienced with several types of GPS units including: Leica GX1230, Leica GX1250, Trimble GeoXT, Trimble ProXRS and Garmin eTrex Vista.

## Education

**Master of Science in Geography**, August 2009

Northern Illinois University, DeKalb, IL

- Geography Major with emphasis in Urban/Economic Geography and GIS
- GPA: 3.8/4.0
- 34 credits complete toward M.S. Degree and advanced GIS Certificate
- 2 Year Graduate Assistantship with DeKalb County Economic Development Corp.

**Bachelor of Science in Geography**, May 2007

Eastern Illinois University, Charleston, IL

- B.S. in Geography with concentration in Geographic Techniques and Spatial Analysis
- Business Administration Minor
- Major GPA: 3.84/4.0
- Minor GPA: 3.83/4.0

## **Professional Organizations**

- ILGISA – Illinois GIS Association
- AUGI – ArcGIS Users of Greater Illinois
- AAG – Association of American Geographers
- IGS – Illinois Geographical Society
- Gamma Theta Upsilon – National Geographical Honor Society

## **Accomplishments**

- Recipient of the Grace Markwell Meier Student Research Award – 2005, for research conducted on land use changes in the Chicago Metropolitan Area
- Deans List Fall 2005
- Presenter at the Association of American Geographers National Convention in Chicago, IL. – March, 2006
- Recipient of the Geography Alumni Award – April 2006
- ESRI Instructor-Led Training – Introduction to ArcGIS I, Introduction to ArcGIS II
- Geography Department representative for the College of Sciences Student Advisory Board – Eastern Illinois University, Fall 2006 – Spring 2007
- Recipient of the Grace Markwell Meier Student Research Award – Spring 2007, for research conducted on non-conforming land uses in Charleston IL
- Recipient of the Scholars in Undergraduate Research at Eastern Award – Spring 2007
- Recipient of the Illinois Geographical Society Outstanding Senior Award – Spring 2007
- Recipient of the Annie L. Weller Scholarship in Geography – Spring 2007, awarded to a graduating senior planning to pursue Graduate Study
- Recipient of tuition waiver and a 24 month Graduate Assistantship for Graduate Studies at Northern Illinois University