

TIMOTHY MICHALOWSKI

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QUALIFICATIONS AND OBJECTIVE

Experienced Geographic Information Systems (GIS) manager with 15 years of technical experience in the GIS industry with relational databases, servers, spatial analysis, geographic based statistics, data visualization, programming, and urban planning. My objective as Evari Chief Operation Officer (COO) is on the effective and timely delivery of GIS services to all clients in a variety of disciplines.

EDUCATION AND CERTIFICATIONS

MUPP, Master of Urban Planning & Policy, University of IL at Chicago (UIC) (May 2004)

BA in Philosophy/Sociology, Suffolk University (Sept 1999)

EMPLOYMENT**GIS Manager and Chief Operating Officer (COO),**

Evairi GIS Consulting March 2017 – Present

Direct all operations and deliver the full range of geographic information systems (GIS) & data management services that Evairi GIS provides its diverse clients. Responsible for all program planning, organizing, operating, staffing and delivery of products for clients.

Senior Statistical GIS Analyst (GIS Manager), Abt SRBI

March 2010 – February 2017

Directed all GIS methods/technology/services for a leading, national research and strategy organization. Managed GIS spatial analyses, geoprocessing models, statistical reports, and analytical tools. Supported federal, local, state, private and non-profit clients with GIS solutions. ESRI API, ArcGIS Server, SQL Server applications for data collection, analysis on tablets, web maps. Lead presentations, research, and webinars, at national conferences (ESRI, TRB, AAPOR, JSM, AAG, etc.)

GIS Developer, NYC Department of Transportation (NYC DOT)

July 2007 – March 2010

Administer / Developer of GIS products for entire NYC Department of Transportation (5,000+ employees). Maintained GIS databases, SQL Server, SDE, ArcIMS, ArcGIS Server, and GIS extensions / products. Planned, installed and configured new ESRI ArcGIS Server technology for NYC DOT.

Develop web-based mapping applications and maintain mapping / database services. Produce maps, spatial analysis and reports to support NYC DOT divisions. Utilized NYC Taxi GPS data (1+ million trips/week) as a measurement of traffic flow in Manhattan.

Associate Planner, Puget Sound Regional Council

(PSRC) November 2004 - July 2007

Created and published datasets, metadata, and analytical reports on land use trends. Managed comprehensive plans, zoning and Census GIS layers for land use forecasting models. Presented technical analysis to Technical Advisory Committee and at Regional Technical Forums. Project manager for geospatial building permit data collection from 4 Counties & 86 Jurisdictions. Completed data requests from member jurisdictions and public requests. Supervised & trained GIS interns

GIS Intern, City of Chicago, Dept. of Zoning & Mapping

April 2003 - Sept 2003

Managed ArcGIS edits to City of Chicago zoning map. Researched land use zoning regulations & policies for zoning code changes.

GIS Research Assistant, University of IL at Chicago

(UIC), Urban Data Visualization Lab Sept 2002 - May 2003

Implemented ESRI ArcIMS GIS system for land use redevelopment projects in Chicago area.

PUBLICATIONS, PRESENTATIONS, BOARD MEMBERSHIP AND INTELLECTUAL PROPERTY

Geographical Predictors of Transportation Survey Rates. Joint Statistical Meetings 2016 (JSM) Chicago, IL. Aug. 2016.

Real-Time GIS Case Studies: ESRI GIS International Users Conference, San Diego, CA. July 2016.

Spatial GIS Analysis for Yale University Report "Hurricane Perceptions of Coastal CT Residents" March 2015.

GIS Spatial Statistics for Public Opinion Survey Response Rates. ESRI GIS International Users Conference, San Diego, CA. July 2015.

GPS Based Transportation Response Rates. 70th Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL, May 2015.

Safeguarding Confidentiality in GPS Travel Data Collection. UTRC Ground Transportation Tech. Symposium, New York, NY, Nov. 2014.

JFK Airport Air-Cargo Route Analysis. ESRI GIS International Users Conference, San Diego, CA. July 2014.

GIS Methods and Tools for Surveys. 69th Annual Conference of the Association for Public Opinion Research (AAPOR), Anaheim, CA, May 2014.

Surveying Rare Populations in Small Areas. 38th Annual Conference of the Midwest Association for Public Opinion Research (MAPOR), Chicago, IL, Nov. 2013.

Geographic Based Statistics, Webinar for NY AAPOR Chapter, December 10, 2013.

GPS Data Collection for Regional Travel Behavior Surveys, "Big Data Informatics: Innovations in Mining Structured and Unstructured Information for Mobility Decision Making Workshop". 92nd TRB Conference. Washington, D.C. 2013

TECHNICAL SKILLS

Proficient in ESRI suite of technology across a range of disciplines, including urban planning, data collection, surveys, statistics, asset management. ESRI ArcGIS 10.x Suite, Spatial/3D Analyst, GIS extensions, Geo-Statistics, Python, ESRI ArcGIS Server 10.x, ESRI Javascript API, Bing Maps API, Google Maps API, ArcSDE, VBA, SQL Server, MySQL, geodatabases, SPSS, HTML, XML.